DOCUMENT RESUME

ED 370 489 HE 027 449

AUTHOR	Jolly, Paul, Ed.; Hudley, Dorothea M., Ed.
TITLE	AAMC Data Book. Statistical Information Related to Medical Education.
INSTITUTION	Association of American Medical Colleges, Washington, D. C.
PUB DATE	Jan 94
NOTE	101p.
AVAILABLE FROM	Association of American Medical Colleges, 2450 N St., N.W., Washington, DC 20037-1126 ($16 plus $6 shipping and handling).
PUB TYPE	Statistical Data (110)
EDRS PRICE	MF01/PC05 Plus Postage.
DESCRIPTORS	Academic Rank (Professional); Accreditation (Institutions); Biomedicine; Compensation (Remuneration); Cost Indexes; Degrees (Academic); Educational Finance; Ethnicity; Financial Support; Graduate Study; Health Care Costs; Higher Education; *Medical School Faculty; *Medical Schools; *Medical Students; Minority Groups; Physicians; Post Doctoral Education; Specialists; Specialization; *Statistical Data; Student Financial Aid; Tables (Data); Teaching Hospitals

ABSTRACT

This 1994 version of an annual data book on United States medical education offers extensive data on 12 topics which are fundamental or most frequently requested. Data sources include the Association of American Medical Colleges, the Educational Commission for Foreign Medical Graduates, the National Institutes of Health, Health Care Financing Administration, the Commonwealth Fund, the National Resident Matching Program, and other government agencies. Each section contains two or more tables of data on a particular topic and each table indicates the month in which its data was most recently updated. The following topics are covered: (1) accredited schools; (2) applicants and students; (3) faculty; (4) financing medical schools; (5) student financing; (6) graduate medical education (especially resident matching program data); (7) teaching hospitals; (8) health care financing; (9) biomedical services (national and National Institutes of Health support); (10) physician services (federal and non-federal physicians and related population data); (11) faculty and physician compensation; and (12) general (historical price indices and federal expenditures as fractions of gross domestic product). (JB)

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AAMC DATA BOOK

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January, 1994

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AAMC DATA BOOK

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Section for
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Update: 1/94

AAMC DATA SERIES

Purpose

The AAMC data series is intended to serve as a convenient source of current and historical data for AAMC staff, and to provide a basis for the AAMC Data Book and for Medical Education: Institutions, Characteristics and Programs. It also supports production of tables, graphs, and slides as needed by AAMC staff.

Scope

To provide a manageable and easily usable resource, the scope has been limited to only the most fundamental and frequently needed data. The Association publishes comprehensive reports on many subjects, and the Data Series does not attempt to assemble all of these data. Rather, by providing key information and references to the more detailed publications, it is complementary to them.

The data series currently includes twelve topics, with up to nineteen tables per topic, including a total of seventy tables. It is likely that additional tables will be added as work continues, but the total number of tables will probably not exceed eighty.

No original research is done to support the data series; all of it is derivative to a greater or lesser degree. Some tables and figures may be copied directly from other publications, while others are reformatted or derived from other publications. Time series data, for example, may be derived from annual reports.

Management

After the data are identified, assembled and properly formatted, the distributed form of the Data Book is produced. The most difficult task, however, is management of the process of keeping the data series up to date. This process relies on a combination of triggering events and expected availability dates. The Section for Operational Studies keeps a list of expected availability dates, to use as a "tickler file". Whenever the data for expected availability is reached, the supplier is queried as to availability. If the expectation of availability should not be realized, the inquiries continue at periodic intervals until the data are received.

Information requiring formatting is maintained on computer files manipulated by the Association's word processing programs. With this software, additional rows or columns can be added to a time series without retyping the entire table. The software also facilitates selection of any desired set of rows or columns for a reformatted table, to meet a particular need. For example, while the basic time series may contain application statistics for every year since 1930, a table could easily be prepared showing only five-year intervals, and this could be done with no transcription of numbers.

Revisions

A new edition of the AAMC Data Book is published each January, including the most current information on each subject available at that time. New information comes in from the many sources throughout the year, and regular revisions are distributed to AAMC officers and key staff, and to a small group of paid subscribers.

Every table is reviewed at least annually, and information for a new year is usually added for each of the time series. Corrections for earlier years may also be entered. It is the policy of AAMC to attempt to publish each year the most complete and accurate data available in that year, even where the new figures differ from previously published data. When data from the AAMC Data Book are used to construct a time series, only the most recent edition should be used.

Acknowledgements

The Data Book is a collection of statistics from many sources, including a number of different AAMC administrative units, the American Medical Association, the Educational Commission for Foreign Medical Graduates, the National Institutes of Health, the Health Care Financing Administration, the Commonwealth Fund, the National Resident Matching Program and other government agencies. The work of actually collecting and organizing these data and preparing them for initial publication is gratefully acknowledged.

TABLE A1
NUMBER OF MEDICAL SCHOOLS WITH STUDENTS ENROLLED

Academic Year	Total No. of Schools	Fully Accred. M.D. Program	Transi- to M.D. Program	Fully Accred. 2-Yr. Program	Provis- ionally Accred. Schools	Changes
1976-77	116	112	0	2	2	New: Wright State, Uniformed Services. Full accred.: Eastern Virginia, South Alabama, South Dakota.
1977-78	122	112	0	2	8	New: U. of South Carolina, Texas A&M, Northeastern Ohio, Marshall, East Carolina, Catholic of Puerto Rico.
1978-79	125	112	1	1	11	New: East Tennessee, Oral Roberts, Morehouse. Change to M.D. granting school: Nevada.
1979-80	126	112	1	1	12	New: Caribe-Cayey.
1980-81	126	115	0	1	10	Full accred: Wright State, Uniformed Services, Nevada. Name change: from Catholic of Puerto Rico to Ponce Medical School.
1981-82	126	121	1	1	3	Full accred: U. of South Carolina, Texas A&M, Northeastern Ohio, Marshall, East Carolina, Ponce. Change to M.D. granting school: Morehouse.
1982-83	127	123	1	1	2	Full accred: Oral Roberts, East Tennessee. New: Mercer.
1983-84	127	124	1	1	1	Full accred: Caribe-Cayey.
1984-85	127	125	0	1	1	Full accred: Morehouse
1985-86	127	126	0	1	0	Full accred: Mercer
1986-87	127	126	0	1	0	
1987-88	127	126	0	1	0	
1988-89	127	126	0	1	0	
1989-90	127	126	0	1	0	
1990-91	126	125	0	1	0	Closure of Oral Roberts University.
1991-92	126	125	0	1	0	
1992-93	126	125	0	1	0	
1993-94	126	125	0	1	0	

Notes: Full accreditation of a school with an M.D. program generally corresponds with graduation of its charter class. Transition schools are those with accredited 2-year programs converting to an M.D. program, prior to graduation of their charter class. Full accreditation of a school with a 2-year program corresponds with completion of its charter class. Provisional accreditation corresponds with enrollment of the charter class.

Source: JAMA Education Numbers 1959-60 through 1978-79; Division of Accreditation of the AAMC. See JAMA Education Number for 1959-60 for list of schools prior to 1960; schools with 2-year programs in 1960 were Dartmouth, North Dakota and South Dakota. West Virginia was in transition from an accredited 2-year program to an M.D. program.

Update: 1/94

TABLE A1
NUMBER OF MEDICAL SCHOOLS WITH STUDENTS ENROLLED

Academic Year	Total No. of Schools	Fully Accred. M.D. Program	Transi- to M.D. Program	Fully Accred. 2-Yr. Program	Provis- ionally Accred. Schools	Changes
1958-59	83	79	1	3	0	Full accreditation: Albert Einstein.
1959-60	85	81	1	3	0	Full accreditation: Seton Hall (now New Jersey), Florida
1960-61	86	81	1	3	1	New: Kentucky.
1961-62	86	82	0	3	1	Full accreditation: West Virginia.
1962-63	87	83	0	3	1	Irvine changed from D.O. to M.D. degree granting school.
1963-64	88	83	0	3	2	New: Brown (2-yr.).
1964-65	89	84	0	3	2	New: New Mexico. Full accred.: Kentucky.
1966-67	92	84	0	3	5	New: Texas-San Antonio, Michigan State (2-yr.), Rutgers (2-yr.).
1967-68	95	84	0	3	8	New: Arizona, Penn State, Hawaii (2-yr.).
1968-69	99	85	0	5	9	New: Davis, San Diego, Mt. Sinai, Conn. Full accred.: New Mexico, Rutgers (2-yr.), Michigan State (2-yr.).
1969-70	101	85	0	7	9	New: Medical College of Ohio, Louisiana-Shreveport. Full accred.: Brown (2-yr.), Hawaii (2-yr.).
1970-71	103	87	1	6	9	New: Massachusetts, Texas-Houston. Full accred.: Texas-San Antonio, Mt. Sinai. Change to M.D. granting school: Mich State.
1971-72	108	89	2	5	12	New: Stony Brook, S. Fla., Mo.-Kansas City, Rush, Nevada (2-yr.). Full accred.: Arizona, Penn State. Change to M.D. granting school: Dartmouth.
1972-73	112	95	1	4	12	New: Mayo, Texas Tech, S. Ala., Minn.-Duluth (2-yr.). Full accred.: NC-Ohio, Mich. State, Davis, San Diego, Conn., Dartmouth. Change to M.D. granting school: Rutgers.
1973-74	114	99	3	3	9	New: S. Illinois, Ea. Virginia. Full accred.: La.-Shreveport, Mo.-Kansas City, Rush, Texas-Houston, Nevada (2-yr.). Change to M.D. granting school: Hawaii, Brown.
1974-75	114	104	3	2	5	Full accred.: Mass., Stony Brook, S. Fla, Texas Tech., Rutgers. Change to M.D. granting school: North Dakota.
1975-76	114	109	1	2	2	Full accred.: Mayo, S. Illinois, Hawaii, Brown, North Dakota, Minnesota-Duluth (2-yr.). Change to M.D. granting school: South Dakota.

Notes: Full accreditation of a school with an M.D. program generally corresponds with graduation of its charter class. Transition schools are those with accredited 2-year programs converting to an M.D. program, prior to graduation of their charter class. Full accreditation of a school with a 2-year program corresponds with completion of its charter class. Provisional accreditation corresponds with enrollment of the charter class. There were no changes in accreditation in 1965-66.

Source: JAMA Education Numbers 1959-60 through 1978-79; Division of Accreditation of the AAMC. See JAMA Education Number for 1959-60 for list of schools prior to 1960; schools with 2-year programs in 1960 were Dartmouth, North Dakota and South Dakota. West Virginia was in transition from an accredited 2-year program to an M.D. program.

TABLE A2
FULLY ACCREDITED FOUR YEAR U.S. MEDICAL SCHOOLS*

YEAR	FULLY ACCREDITED	PUBLIC	PRIVATE	New**
1976-77	112	64	48	Eastern Virginia, So. Alabama, South Dakota
1977-78	112	64	48	
1978-79	112	64	48	
1979-80	112	65	47	Penn State reclassified a Public school.
1980-81	115	68	47	Wright State, Uniformed Services, Nevada
1981-82	121	73	48	Univ. of So. Carolina, Texas A&M, Northeastern Ohio, Marshall, East Carolina, Catholic of Puerto Rico
1982-83	123	74	49	Oral Roberts, East Tennessee
1983-84	124	74	50	Caribe-Cayey
1984-85	125	74	51	Morehouse
1985-86	126	74	52	Mercer
1986-87	126	74	52	
1987-88	126	73	53	Penn State reclassified as a Private school.
1988-89	126	73	53	
1989-90	126	73	53	
1990-91	125	73	52	Closure of Oral Roberts University.
1991-92	125	73	52	
1992-93	125	73	52	

* Accredited two-year schools are not included. At present, the only accredited two-year school is the University of Minnesota-Duluth.

**The school name appears in the new column in the year in which it is first fully accredited.

Note: Penn State was initially and is now considered to be a private school, though with substantial state funding. During the period 1979-80 through 1986-87, it was classified as a public school.

Source: Liaison Committee on Medical Education

Update: 1/94

TABLE A2
FULLY ACCREDITED FOUR YEAR U.S. MEDICAL SCHOOLS*

YEAR	FULLY ACCREDITED	PUBLIC	PRIVATE	New**
1960-61	81	39	42+	
1961-62	82	41#	41	West Virginia
1962-63	83	42	41	Irvine
1963-64	83	42	41	
1964-65	84	43	41	Kentucky
1965-66	84	43	41	
1966-67	84	43	41	
1967-68	84	43	41	
1968-69	85	44	41	New Mexico
1969-70	85	44	41	
1970-71	87	45	42	Texas-San Antonio, Mt. Sinai
1971-72	89	46	43	Arizona, Penn State
1972-73	95	51	44	MC-Ohio, Michigan State, Davis, San Diego, Connecticut, Dartmouth
1973-74	99	54	45	La.-Shreveport, Mo.-Kansas City, Rush, Texas-Houston
1974-75	104	59	45	Massachusetts, Stony Brook, S. Florida, Texas Tech., Rutgers
1975-76	109	62	47	Mayo, S. Illinois, Hawaii, Brown, North Dakota

+University of Buffalo was a private school.

#University of Buffalo became a part of the State University of New York and was classified as a public school.

Source: Liaison Committee on Medical Education

NOTE CONCERNING ENROLLMENT DATA
B. Applications and Students

There are three distinct sources of information on student enrollment in medical schools; the existence of these independent sources often leads to real or apparent inconsistencies in the numbers reported.

Source 1: The Annual Liaison Committee on Medical Education (LCME) Questionnaire, Part II, is distributed in the spring to all medical schools for completion at the end of the academic year. The schools are asked to include all students who began classes even though they were dropped or withdrew during the year. They are also asked to report the number of students repeating all or part of the current year.

Source 2: The Fall Enrollment Questionnaire is distributed by AAMC in the fall and seeks information also on all students who began classes, even though they were dropped or withdrew. Since the question is asked at a different time of year, however, it is possible that some students starting later in the year would be reported on the LCME, Part II, but not on the Fall Enrollment Questionnaire. The instructions accompanying this questionnaire requests "all students repeating or reentering the first year class. Be sure to include in counts any student admitted with advanced standing to your first year class.."

Source 3: The data systems supporting AMCAS and the student records system include information on an individual basis for all persons who applied to, were accepted by, and entered United States medical schools. The student records system also includes information on changes in status, such as withdrawal, repeating a year, or taking a leave of absence. Even schools that do not participate in AMCAS report their matriculants to AAMC for inclusion in the student records system. From these data systems, one can derive aggregates for each medical school, which would be the enrollment figures. In 1982 and subsequent years, and to some extent in earlier years, there has been an effort to reconcile these figures with the Fall Enrollment Questionnaire. Where this reconciliation has been imperfect, however, the data aggregates from student records systems constitute a third independent source of information on student enrollments.

Several of the tables in this section are based on the LCME questionnaire, while others are based on the publication *Medical School Admission Requirements*, which in turn is based on AMCAS records. Thus, these figures may not agree exactly from table to table. The differences are generally quite small, on the order of 0.1 percent.

Data from both the Fall Enrollment Questionnaire and the Liaison Committee on Medical Education Questionnaire, Part II, are maintained in the AAMC's Institutional Profile System (IPS), a computer based information system for storing and retrieving institutional data. Where questionnaires arrive too late for inclusion in the annual report on medical education published each year in the Journal of the American Medical Association, they are nevertheless included in the AAMC data bank. This leads to discrepancies between figures derived from IPS and figures published in JAMA. Corrections are made to the IPS data base, when errors are brought to the attention of AAMC staff, and these are also a source of discrepancies between IPS and published data in JAMA.

The sources used for each of the tables in this section are carefully noted at the bottom of each page. Users of these tables should pay close attention to these citations.

TABLE B1
MEDICAL SCHOOL APPLICANTS, ENROLLMENT AND GRADUATES

Class Year	Applicants	First Time Applicants	Accepted Applicants	Applicants/ Acceptance Ratio	First-Yr. New Entrants	First-Year Enrollment*	Total Enrollment	Graduates
1960-61	14,397	---	8,560	1.7	8,069	8,298	30,288	6,994
1961-62	14,331	---	8,682	1.7	8,143	8,483	31,078	7,168
1962-63	15,847	---	8,959	1.8	8,394	8,642	31,491	7,265
1963-64	17,668	---	9,063	1.9	8,565	8,772	31,981	7,336
1964-65	19,168	---	9,043	2.1	8,587	8,856	32,428	7,409
1965-66	18,703	---	9,012	2.1	8,554	8,759	32,835	7,574
1966-67	18,250	---	9,123	2.0	8,775	8,964	33,423	7,743
1967-68	18,724	---	9,702	1.9	9,314	9,479	34,538	7,973
1968-69	21,118	---	10,092	2.1	9,740	9,863	35,833	8,059
1969-70	24,465	---	10,547	2.3	10,269	10,422	37,669	8,367
1970-71	24,987	---	11,500	2.2	11,169	11,348	40,487	8,974
1971-72	29,172	---	12,335	2.4	12,088	12,361	43,650	9,558
1972-73	36,135	---	13,757	2.6	13,570	13,677	47,366	10,396
1973-74	40,506	---	14,335	2.8	13,876	14,154	50,751	11,365
1974-75	42,621	---	15,066	2.8	14,576	14,763	53,554	12,716
1975-76	42,303+	---	15,365++	2.8	14,898**	15,295	55,818	13,634
1976-77	42,155	---	15,774	2.7	15,268	15,613	57,765	13,614
1977-78	40,567	---	15,981	2.5	15,492	16,136	60,039	14,391
1978-79	36,636	---	16,527	2.2	16,054	16,501	62,213	14,784
1979-80	36,141	---	16,886	2.1	16,444	16,930	63,800#	15,113
1980-81	36,100	---	17,146	2.1	16,590	17,186	65,189##	15,632
1981-82	36,727	26,621	17,286	2.1	16,660	17,268	66,298	16,012
1982-83	35,730	25,597	17,294	2.1	16,567	17,254	66,748	15,802
1983-84	35,200	25,317	17,209	2.0	16,480	17,150	67,327	16,343
1984-85	35,944	26,059	17,194	2.1	16,395	16,997	67,016	16,318
1985-86	32,893	23,517	17,228	1.9	16,268	16,963	66,585	16,117
1986-87	31,323	23,141	17,092	1.8	16,103	16,819	66,125	15,830
1987-88	28,123	20,977	17,027	1.7	15,927	16,713	65,735	15,919
1988-89	26,721	20,802	17,108	1.6	15,969	16,868	65,300	15,630
1989-90	26,915	21,490	16,975	1.6	15,867	16,756	65,016	15,398
1990-91	29,243	23,579	17,206	1.7	15,998	16,876	65,163	15,427
1991-92	33,301	26,732	17,436	1.9	16,211	17,071	65,602	15,365
1992-93	37,410	29,207	17,464	2.1	16,289	17,079	66,142	15,466
1993-94	42,808	31,851	17,362	2.5	16,307	17,121	66,629	

* Includes new entrants and those repeating the initial year.
** Includes 2 First-Year New Entrants for whom no gender information was available.
\+ Includes 56 applicants for whom no gender information was available.
++ Includes 5 accepted students for whom no gender information was available.
\# Includes 22 students for whom no gender information was available.
Includes 55 students for whom no gender information was available.

Sources: Prior to 1947-48 from Potthoff, E.F., Journal of Medical Education 35 (1960), p. 223. Applicants and accepted students: Applicant studies of AAMC 1930-31 through 1973-74, published annually in Journal of Medical Education. Data from 1974-75 through 1977-78 were revised to eliminate missing information based on AP, MCAT, and Other data in the AAMC Student and Applicant Information Management System (SAIMS). Since 1978-79 from AAMC Section for Student Services (Final Admission Action Summary Reports).

Enrollment Data: 1930-31 through 1967-68 from JAMA Education Numbers; Since 1968-69 from AAMC Section for Student Services (Fall Enrollment Questionnaire).

Graduate Data: 1930-31 through 1967-68 from JAMA Education Numbers; 1967-68 to 1977-78 from LCME Part II; 1978-79 to 1981-82 from AAMC Section for Student Services (Reported Graduates Report); since 1982-83 from AAMC Section for Student Services (Student Records System). Because there are several independent sources of enrollment data, small discrepancies among the various tables may exist. See note at beginning of this section.

Update: 12/93

TABLE B1
MEDICAL SCHOOL APPLICANTS, ENROLLMENT, AND GRADUATES

Class Year	Applicants	First Time Applicants	Accepted Applicants	Applicants/ Acceptance Ratio	First-Yr. New Entrants	First-Year Enrollment*	Total Enrollment	Graduates
1924-25	--	--	--	--	--	5,492	--	--
1925-26	--	--	--	--	--	5,753	--	--
1926-27	10,250	--	6,420	1.6	--	6,099	--	--
1927-28	11,287	--	6,496	1.7	--	6,199	--	4,262
1928-29	12,420	--	6,794	1.8	--	6,277	--	4,446
1929-30	13,655	--	7,035	1.9	--	6,457	--	4,565
1930-31	--	--	--	--	--	6,456	21,982	4,735
1931-32	--	--	--	--	--	6,260+	22,135	4,936
1932-33	12,280	--	7,357	1.6	--	6,426+	22,466	4,895
1933-34	12,128	--	7,578	1.6	--	6,457++	22,799	5,035
1934-35	12,779	--	7,419	1.7	--	6,356++	22,888	5,101
1935-36	12,740	--	6,900	1.8	--	6,605	22,564	5,183
1936-37	12,192	--	6,465	1.8	--	5,910+	22,095	5,377
1937-38	12,207	--	6,410	1.9	--	5,791+	21,587	5,194
1938-39	12,131	--	6,223	1.9	--	5,764	21,302	5,089
1939-40	11,800	--	6,211	1.8	--	5,794+	21,271	5,097
1940-41	11,854	--	6,328	1.8	--	5,837	21,379	5,275
1941-42	11,940	--	6,822	1.7	--	6,218	22,031	5,163
1942-43	14,043	--	6,835	2.0	--	6,425	22,631	5,223
1943-44	--	--	--	--	--	6,561	23,529	5,134
1944-45	(2nd session)##	--	--	--	--	6,648	24,666	5,169
1944-45	--	--	--	--	--	6,523	24,028	5,136
1945-46	--	--	--	--	--	6,060	23,216	5,826
1946-47	--	--	--	--	--	6,564	23,900	6,389#
1947-48	18,829	--	6,512	2.9	--	6,487	22,739	5,543
1948-49	24,242	--	6,973	3.5	--	6,688	23,670	5,094
1949-50	24,434++	--	7,150++	3.4	--	7,042	25,103	5,553
1950-51	22,279++	--	7,254++	3.1	--	7,177	26,186	6,135
1951-52	19,920++	--	7,663++	2.6	--	7,436	27,076	6,080
1952-53	16,763++	--	7,778++	2.2	--	7,425	27,688	6,668
1953-54	14,678++	--	7,756++	1.9	--	7,449	28,227	6,861
1954-55	14,538++	--	7,878++	1.8	--	7,576	28,583	6,977
1955-56	14,937	--	7,969	1.9	--	7,686	28,639	6,845
1956-57	15,917	--	8,263	1.9	--	8,014	29,130	6,796
1957-58	15,791	--	8,302	1.9	7,852	8,030	29,473	6,861
1958-59	15,170	--	8,366	1.8	7,920	8,128	29,614	6,860
1959-60	14,992	--	8,512	1.8	7,983	8,173	30,084	7,081

* Includes new entrants and those repeating the initial year.

\+ No figures for the two medical schools of the University of Chicago (Rush Medical College and University of Chicago School of Medicine).

++ No figures for the two schools of the University of Chicago (Rush and U. of Chicago) and Duke. University of Puerto Rico not included.

\# During the war accelerated programs altered reporting periods. During the period June 1, 1946 to June 30, 1947, ten schools graduated two classes, adding 40 graduates to the total (this figure included in total graduates).

\## Under accelerated program, an extra class graduated in September 1944.

Sources: Prior to 1947-48 from Potthoff, E.F., Journal of Medical Education 35 (1960), p. 223. Applicants and accepted students: Applicant studies of AAMC 1930-31 through 1973-74, published annually in Journal of Medical Education.

Enrollment data: 1930-31 through 1967-68 from JAMA Education Numbers. Graduate data: 1930-31 through 1967-68 from JAMA Education Numbers. Because there are several independent sources of enrollment data, small discrepancies among the various tables may exist. See note at beginning of this section.

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TABLE B2
APPLICATION AND ACCEPTANCE RATE OF UNDERREPRESENTED MINORITY GROUP APPLICANTS TO FIRST-YEAR CLASSES IN U.S. MEDICAL SCHOOLS

1st Yr. Class	BLACK AMERICAN				AMERICAN INDIAN				MEXICAN AMERICAN				MAINLAND PUERTO RICAN			
	Applicants		Acceptees		Applicants		Acceptees		Applicants		Acceptees		Applicants		Acceptees	
	No.	Pct of All Appls	No.	Pct Acc	No.	Pct of All Appls	No.	Pct Acc	No.	Pct of All Appls	No.	Pct Acc	No.	Pct of All Appls	No.	Pct Acc
1970-71	1,250	5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1971-72	1,552	5.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1972-73	2,186	6.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1973-74	2,227	5.5	977	43.9	240	0.6	79	32.9	349	0.9	174	49.9	233	0.6	93	39.9
1974-75	2,477	5.8	1,053	42.5	134	0.3	64	47.8	440	1.0	216	49.1	185	0.4	78	42.2
1975-76	2,483	5.9	971	39.1	137	0.3	57	41.6	440	1.0	219	49.8	226	0.5	87	38.5
1976-77	2,730	6.5	1,001	36.7	139	0.3	42	30.2	494	1.2	238	48.2	229	0.5	93	40.6
1977-78	2,730	6.7	1,002	36.7	140	0.3	51	36.4	517	1.3	234	45.3	212	0.5	94	44.3
1978-79	2,564	7.0	970	37.8	133	0.4	54	40.6	433	1.2	241	55.7	191	0.5	92	48.2
1979-80	2,598	7.2	1,024	39.4	151	0.4	64	42.4	457	1.3	267	58.4	173	0.5	92	53.2
1980-81	2,594	7.2	1,057	40.7	147	0.4	62	42.2	449	1.2	240	53.5	191	0.5	102	53.4
1981-82	2,644	7.2	1,037	39.2	160	0.4	68	42.5	515	1.4	281	54.6	222	0.6	113	50.9
1982-83	2,600	7.3	1,001	38.5	137	0.4	56	40.9	504	1.4	284	56.3	212	0.6	110	51.9
1983-84	2,558	7.3	1,019	39.8	161	0.5	70	43.5	507	1.4	263	51.9	214	0.6	117	54.7
1984-85	2,620	7.3	1,049	40.0	150	0.4	72	48.0	555	1.5	286	51.5	253	0.7	126	49.8
1985-86	2,428	7.4	993	40.9	125	0.4	55	44.0	518	1.6	295	56.9	250	0.8	137	54.8
1986-87	2,388	7.6	1,058	44.3	121	0.4	60	49.6	507	1.6	293	57.8	187	0.6	101	54.0
1987-88	2,203	7.8	1,070	48.6	123	0.4	64	52.0	466	1.7	291	62.4	196	0.7	121	61.7
1988-89	2,160	8.1	1,077	49.9	114	0.4	70	61.4	435	1.6	267	61.4	187	0.7	117	62.6
1989-90	2,216	8.6	1,104	49.8	136	0.5	84	61.8	497	1.9	307	61.8	200	0.8	132	66.0
1990-91	2,349	8.0	1,146	48.8	132	0.5	70	53.0	489	1.7	281	57.5	202	0.7	115	56.9
1991-92	2,659	8.0	1,193	44.9	161	0.5	93	57.8	568	1.7	327	57.6	217	0.7	125	57.6
1992-93	2,917	7.8	1,291	44.3	194	0.5	103	53.1	699	1.9	418	59.8	224	0.6	127	56.7
1993-94	3,489	8.2	1,381	39.6	238	0.6	120	50.4	747	1.7	399	53.4	241	0.6	115	47.7

Note: U.S. Citizens redefined in 1981 to include students with permanent resident visa. The data in this table are limited to United States citizens and aliens with permanent resident visas. Prior to 1981-82, when the definition was clarified, some permanent resident aliens may have been excluded.

Source: AAMC Section for Student Services (Final National Admission Action Summaries) from 1970-71 through 1973-74. Data for 1974-75 through 1977-78 were revised to eliminate missing information based on AP, MCAT, and Other data in the AAMC Student and Applicant Information Management System (SAIMS). Since 1978-79 data from AAMC Section for Student Services, Final National Admission Action Summaries.

Update: 12/93

TABLE B2
APPLICATION AND ACCEPTANCE RATE OF OTHER ETHNIC GROUP APPLICANTS TO FIRST-YEAR CLASSES IN U.S. MEDICAL SCHOOLS

	WHITE				ASIAN				COMMONWEALTH PUERTO RICAN				OTHER HISPANIC				UNKNOWN			
	Applicants		Acceptees		Applicants		Acceptees		Applicants		Acceptees		Applicants		Acceptees		Applicants		Acceptees	
1st Yr. Class	No.	Pct of All Apps	No.	Pct Acc	No.	Pct of All Apps	No.	Pct Acc	No.	Pct of All Apps	No.	Pct Acc	No.	Pct of All Apps	No.	Pct Acc	No.	Pct of All Apps	No.	Pct Acc
1973-74	12,679	31.3	5,610	44.2	508	1.3	188	37.0	1	*	0	0.0	--	--	--	--	24,269	59.9	7,214	29.7
1974-75	35,810	84.0	12,152	33.9	1,217	2.9	341	28.0	269	0.6	99	36.8	--	--	--	--	2,089	4.9	1,063	50.9
1975-76	33,685	79.6	12,257	36.4	1,151	2.7	358	31.1	281	0.7	101	35.9	--	--	--	--	3,900	9.2	1,315	33.7
1976-77	33,003	78.3	12,954	39.3	1,193	2.8	423	35.5	273	0.6	78	28.6	--	--	--	--	4,094	9.7	945	23.1
1977-78	32,128	79.2	13,129	40.9	1,318	3.2	452	34.3	345	0.9	118	34.2	--	--	--	--	3,177	7.8	901	28.4
1978-79	29,709	81.1	13,963	47.0	1,520	4.1	546	35.9	341	0.9	156	45.7	287	0.8	79	27.5	1,458	4.0	426	29.2
1979-80	29,334	81.2	14,164	48.3	1,660	4.6	634	38.2	379	1.0	162	42.7	582	1.6	239	41.1	807	2.2	240	29.7
1980-81	28,645	79.3	14,025	49.0	1,774	4.9	720	40.6	465	1.3	221	47.5	646	1.8	256	39.6	1,189	3.3	463	38.9
1981-82	28,998	79.0	14,030	48.4	1,976	5.4	824	41.7	476	1.3	246	51.7	675	1.8	266	39.4	1,061	2.9	421	39.7
1982-83	27,816	77.9	13,941	50.1	2,222	6.2	973	43.8	501	1.4	211	42.1	611	1.7	278	45.5	1,127	3.2	440	39.0
1983-84	27,474	78.1	13,828	50.3	2,325	6.6	1,020	43.9	503	1.4	225	44.7	623	1.8	273	43.8	835	2.4	394	47.2
1984-85	27,826	77.4	13,723	49.3	2,775	7.7	1,203	43.4	526	1.5	236	44.9	732	2.0	271	37.0	507	1.4	228	45.0
1985-86	25,076	76.2	13,518	53.9	2,709	8.2	1,372	50.6	511	1.6	249	48.7	660	2.0	284	43.0	616	1.9	325	52.8
1986-87	23,322	74.5	13,171	56.5	2,992	9.6	1,563	52.2	449	1.4	232	51.7	642	2.0	293	45.6	715	2.3	321	44.9
1987-88	20,328	72.3	12,724	62.6	3,189	11.3	1,895	59.4	416	1.5	208	50.0	513	1.8	287	55.9	689	2.4	367	53.3
1988-89	18,897	70.7	12,573	66.5	3,349	12.5	2,123	63.4	395	1.5	227	57.5	547	2.0	291	53.2	637	2.4	363	57.0
1989-90	18,614	71.8	12,216	65.6	3,661	14.1	2,250	61.5	338	1.3	187	55.3	573	2.2	290	50.6	680	2.6	405	59.6
1990-91	19,871	68.0	12,038	60.6	4,345	14.9	2,583	59.4	372	1.3	204	54.8	647	2.2	311	48.1	836	2.9	458	54.8
1991-92	22,086	66.3	11,818	53.5	5,487	16.5	2,778	50.6	383	1.2	208	54.3	758	2.3	336	44.3	982	2.9	558	56.8
1992-93	24,696	66.0	11,721	47.5	6,225	16.6	2,719	43.7	429	1.1	210	49.0	824	2.2	296	35.9	1,202	3.2	579	48.2
1993-94	28,045	65.5	11,704	41.7	7,813	18.3	2,754	35.2	424	1.0	206	48.6	917	2.1	300	32.7	894	2.1	383	42.8

* Less than 0.1 percent.

Note: U.S. Citizens redefined in 1981 to include students with permanent resident visa. The data in this table are limited to United States citizens and aliens with permanent resident visas. Prior to 1981-82, when the definition was clarified, some permanent resident aliens may have been excluded. Percentages may not add due to rounding.

Source: AAMC Section for Student Services (Final National Admission Action Summaries).

TABLE B3
ENROLLMENT IN FIRST-YEAR CLASSES IN U.S. MEDICAL SCHOOLS

UNDERREPRESENTED MINORITIES

	BLACK AMERICAN		AMERICAN INDIAN		MEXICAN AMERICAN		MAINLAND PUERTO RICAN		TOTAL UNDER-REPRESENTED MINORITY		
Year	Number Enrolled	Percent of Total 1st Year	Number Enrolled	Percent of Total 1st Year	Number Enrolled	Percent of Total 1st Year	Number Enrolled	Percent of Total 1st Year	Number Enrolled	Percent of Total 1st Year	Total First-Year Enrollment*
1968-69	266	2.7	3	**	20	0.2	3	**	292	3.0	9,863
1969-70	440	4.2	7	0.1	44	0.4	10	0.1	501	4.8	10,422
1970-71	697	6.1	11	0.1	73	0.6	27	0.2	808	7.1	11,348
1971-72	882	7.1	23	0.2	118	1.0	40	0.3	1,063	8.6	12,361
1972-73	957	7.0	34	0.2	137	1.0	44	0.3	1,172	8.6	13,677
1973-74	1,023	7.2	44	0.3	174	1.2	56	0.4	1,297	9.2	14,154
1974-75	1,106	7.5	71	0.5	227	1.5	69	0.5	1,473	10.0	14,763
1975-76	1,036	6.8	60	0.4	224	1.5	71	0.5	1,391	9.1	15,295
1976-77	1,040	6.7	43	0.3	245	1.6	72	0.5	1,400	9.0	15,613
1977-78	1,085	6.7	51	0.3	246	1.5	68	0.4	1,450	9.0	16,136
1978-79	1,061	6.4	47	0.3	260	1.6	75	0.5	1,443	8.7	16,501
1979-80	1,108	6.5	63	0.4	290	1.7	86	0.5	1,547	9.1	16,930
1980-81	1,128	6.6	67	0.4	258	1.5	95	0.6	1,548	9.0	17,186
1981-82	1,196	6.9	70	0.4	300	1.7	105	0.6	1,671	9.7	17,268
1982-83	1,145	6.6	62	0.4	305	1.8	114	0.7	1,626	9.4	17,254
1983-84	1,173	6.8	75	0.4	301	1.8	109	0.6	1,658	9.7	17,150
1984-85	1,148	6.8	77	0.5	329	1.9	118	0.7	1,672	9.8	16,997
1985-86	1,117	6.6	60	0.4	331	2.0	136	0.8	1,644	9.7	16,963
1986-87	1,174	7.0	61	0.4	331	2.0	111	0.7	1,677	10.0	16,819
1987-88	1,221	7.3	68	0.4	308	1.8	116	0.7	1,713	10.2	16,713
1988-89	1,210	7.2	76	0.5	295	1.7	128	0.8	1,708	10.1	16,868
1989-90	1,221	7.3	82	0.5	307	1.8	139	0.8	1,749	10.4	16,756
1990-91	1,263	7.5	76	0.5	285	1.7	120	0.7	1,744	10.3	16,876
1991-92	1,304	7.6	93	0.5	351	2.1	128	0.7	1,876	11.0	17,071
1992-93	1,425	8.3	123	0.7	447	2.6	126	0.7	2,121	12.4	17,079
1993-94	1,489	8.7	129	0.8	437	2.6	106	0.6	2,161	12.6	17,121

* Includes new entrants and those repeating the initial year.

** Less than 0.1 percent.

Note: Underrepresented minorities include only U.S. citizens and aliens with permanent residence; prior to 1981 only U.S. citizens were included. Percentages may not add to 100.0 due to rounding.

Source: AAMC Section for Student Services (Fall Enrollment Questionnaire).

Update: 12/93

TABLE B3
ENROLLMENT IN FIRST-YEAR CLASSES IN U.S. MEDICAL SCHOOLS

OTHER ETHNIC GROUPS

Year	WHITE Number Enrolled	WHITE Pct of Total 1st Yr	ASIAN Number Enrolled	ASIAN Pct of Total 1st Yr	COMMONWEALTH PUERTO RICAN Number Enrolled	COMMONWEALTH PUERTO RICAN Pct of Total 1st Yr	OTHER HISPANIC Number Enrolled	OTHER HISPANIC Pct of Total 1st Yr	TOTAL OTHER ETHNIC Number Enrolled	TOTAL OTHER ETHNIC Pct of Total 1st Yr	Unknown#	Pct of Total 1st Yr	TOTAL FIRST-YEAR ENROLLMENT+
1975-76	13,156	86.0	282*	1.8	---	---	461++	3.0	13,899	90.9	5	**	15,295
1976-77	13,383	85.7	348*	2.2	---	---	195++	1.2	13,926	89.2	287	1.8	15,613
1977-78	13,732	85.1	395	2.4	144	0.9	157	1.0	14,428	89.4	258	1.6	16,136
1978-79	14,074	85.3	452	2.7	179	1.1	151	0.9	14,856	90.0	202	1.2	16,501
1979-80	14,259	84.2	502	3.0	226	1.3	188	1.1	15,175	89.6	208	1.2	16,930
1980-81	14,262	83.0	572	3.3	241	1.4	224	1.3	15,299	89.0	339	2.0	17,186
1981-82	14,218	82.3	765	4.4	250	1.4	247	1.4	15,480	89.6	117	0.7	17,268
1982-83	14,085	81.6	936	5.4	229	1.3	278	1.6	15,528	90.0	100	0.6	17,254
1983-84	13,909	81.1	983	5.7	235	1.4	248	1.4	15,375	89.7	117	0.7	17,150
1984-85	13,606	80.0	1,124	6.6	236	1.4	243	1.4	15,209	89.5	116	0.7	16,997
1985-86	13,378	78.9	1,295	7.6	249	1.5	259	1.5	15,181	89.5	138	0.8	16,963
1986-87	12,987	77.2	1,514	9.0	236	1.4	276	1.6	15,013	89.3	129	0.8	16,819
1987-88	12,511	74.9	1,827	10.9	220	1.3	283	1.7	14,841	88.8	159	1.0	16,713
1988-89	12,386	73.4	2,100	12.4	239	1.4	288	1.7	15,013	89.0	147	0.9	16,868
1989-90	12,039	71.8	2,257	13.5	201	1.2	317	1.9	14,814	88.4	193	1.2	16,756
1990-91	11,830	70.1	2,527	15.0	216	1.3	312	1.8	14,885	88.2	247	1.5	16,876
1991-92	11,677	68.4	2,744	16.1	212	1.2	315	1.8	14,948	87.6	247	1.4	17,071
1992-93	11,562	67.7	2,615	15.3	236	1.4	294	1.7	14,707	86.2	251	1.5	17,079
1993-94	11,463	67.0	2,761	16.1	221	1.3	309	1.8	14,754	86.2	206	1.2	17,121

* 1974-75 through 1976-77 ethnic group was called American Orientals.

** less than 0.1 percent

\# Includes Underrepresented Minority and Other Ethnic groups.

\+ First-year enrollment includes new entrants and those repeating the initial year.

++ For 1975-76 and 1976-77, Hispanic included Puerto Ricans who were residents on the U.S. Mainland, Puerto Ricans enrolled at the University of Puerto Rico, Mexican Americans and students classified as Cuban. For these four years, any other Hispanics were most likely assigned to the "other" category which was dropped and a Hispanic classification was added, which is defined to include any person of Spanish culture or origin, regardless of race. This would account for part of the increase for the Hispanic group from 1975-76 to 1976-77.

Note: Percentages may not add up 100.0 due to rounding.

Source: AAMC Section for Student Services (Fall Enrollment Questionnaire).

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TABLE B4
TOTAL ENROLLMENT IN U.S. MEDICAL SCHOOLS

UNDERREPRESENTED MINORITIES

Year	BLACK AMERICAN		AMERICAN INDIAN		MEXICAN AMERICAN		MAINLAND PUERTO RICAN		Total Under-Represented Minorities	PCT of Total Enrolled	Total Enrollment
	Number Enrolled	PCT of Total Enrollment	Number Enrolled	PCT of Total Enrollment	Number Enrolled	PCT of Total Enrollment	Number Enrolled	PCT of Total Enrollment			
1968-69	783	2.2	9	*	59	0.2	3	*	854	2.4	35,833
1969-70	1,042	2.8	18	*	92	0.2	26	0.1	1,178	3.1	37,669
1970-71	1,509	3.7	18	*	148	0.4	48	0.1	1,723	4.3	40,487
1971-72	2,055	4.7	42	0.1	252	0.6	76	0.2	2,425	5.6	43,650
1972-73	2,582	5.5	69	0.1	361	0.8	90	0.2	3,102	6.5	47,366
1973-74	3,049	6.0	97	0.2	496	1.0	123	0.2	3,765	7.4	50,751
1974-75	3,355	6.3	159	0.3	638	1.2	172	0.3	4,324	8.1	53,554
1975-76	3,456	6.2	172	0.3	699	1.3	197	0.4	4,524	8.1	55,818
1976-77	3,517	6.1	186	0.3	780	1.4	232	0.4	4,715	8.2	57,765
1977-78	3,587	6.0	201	0.3	831	1.4	261	0.4	4,880	8.1	60,039
1978-79	3,537	5.7	202	0.3	882	1.4	277	0.4	4,898	7.9	62,213
1979-80	3,627	5.7	212	0.3	964	1.5	283	0.4	5,086	8.0	63,800#
1980-81	3,708	5.7	221	0.3	951	1.5	329	0.5	5,209	8.0	65,189##
1981-82	3,884	5.9	229	0.3	1,040	1.6	350	0.5	5,503	8.3	66,298
1982-83	3,869	5.8	235	0.4	1,071	1.6	369	0.6	5,544	8.3	66,748
1983-84	3,892	5.8	258	0.4	1,082	1.6	368	0.5	5,600	8.3	67,327
1984-85	3,944	5.9	257	0.4	1,126	1.7	380	0.6	5,707	8.5	67,016
1985-86	3,849	5.8	235	0.4	1,143	1.7	428	0.6	5,655	8.5	66,585
1986-87	3,892	5.9	242	0.4	1,153	1.7	435	0.7	5,722	8.7	66,125
1987-88	3,968	6.0	233	0.4	1,144	1.7	467	0.7	5,812	8.8	65,735
1988-89	3,995	6.1	237	0.4	1,128	1.7	438	0.7	5,798	8.9	65,300
1989-90	4,145	6.4	258	0.4	1,087	1.7	452	0.7	5,942	9.1	65,016
1990-91	4,241	6.5	277	0.4	1,109	1.7	457	0.7	6,084	9.3	65,163
1991-92	4,334	6.6	301	0.5	1,205	1.8	485	0.7	6,325	9.6	65,602
1992-93	4,638	7.0	333	0.5	1,332	2.0	484	0.7	6,787	10.3	66,142
1993-94	4,900	7.4	364	0.5	1,450	2.2	444	0.7	7,158	10.7	66,629

* Less than 0.1 percent.

\# Includes 22 students for whom gender information was not available.

\## Includes 55 students for whom gender information was not available.

Note: Underrepresented minorities include only U.S. citizens and aliens with permanent residence; prior to 1981 only U.S. citizens were included.

Source: AAMC Section for Student Services (Fall Enrollment Questionnaire).

Update: 12/93

TABLE B4
TOTAL ENROLLMENT IN U.S. MEDICAL SCHOOLS

OTHER ETHNIC GROUPS

	WHITE		ASIAN		COMMONWEALTH PUERTO RICAN		OTHER HISPANIC			% of Total Enroll-	
Year	Number Enrolled	% of Total Enrollment	Number Enrolled	% of Total Enrollment	Number Enrolled	% of Total Enrollment	Number Enrolled	% of Total Enrollment	Unknown*	ment	TOTAL ENROLLMENT
1977-78	51,974	86.6	1,422	2.4	532	0.9	426	0.7	805	1.3	60,039
1978-79	53,746	86.4	1,592	2.4	617	1.0	489	0.8	871	1.4	62,213
1979-80	54,854	86.0	1,777	2.7	700	1.1	567	0.9	816	1.3	63,800#
1980-81	55,434	85.0	1,924	2.9	798	1.2	683	1.0	1,141	1.8	65,189##
1981-82	56,201	84.8	2,518	3.7	856	1.3	847	1.3	373	0.6	66,298
1982-83	56,032	83.9	2,936	4.4	903	1.4	962	1.4	371	0.6	66,748
1983-84	56,167	83.4	3,290	4.9	925	1.4	983	1.5	362	0.5	67,327
1984-85	55,232	82.4	3,763	5.7	917	1.4	987	1.5	410	0.6	67,016
1985-86	54,335	81.6	4,289	6.5	896	1.3	991	1.5	419	0.6	66,585
1986-87	53,136	80.4	4,883	7.5	918	1.4	1,015	1.5	451	0.7	66,125
1987-88	51,728	78.7	5,738	8.8	899	1.4	1,038	1.6	520	0.8	65,735
1988-89	50,366	77.1	6,595	10.1	909	1.4	1,091	1.7	541	0.8	65,300
1989-90	48,961	75.3	7,489	11.5	817	1.3	1,181	1.8	626	1.0	65,016
1990-91	47,893	73.5	8,436	12.9	796	1.2	1,176	1.8	778	1.2	65,163
1991-92	47,094	71.8	9,438	14.4	817	1.2	1,138	1.7	790	1.2	65,602
1992-93	46,465	70.3	9,994	15.1	858	1.3	1,136	1.7	902	1.4	66,142
1993-94	45,774	68.7	10,752	16.1	892	1.3	1,200	1.8	853	1.3	66,629

* Includes Underrepresented Minority and Other Ethnic groups.

\# Includes 22 students for whom gender information was not available.

\#\# Includes 55 students for whom gender information was not available.

Note: Percentages may not add up to 100.0 due to rounding.

Source: AAMC Section for Student Services (Fall Enrollment Questionnaire).

TABLE B5
GRADUATE TOTALS IN U.S. MEDICAL SCHOOLS

UNDERREPRESENTED MINORITIES

Year	Black American	Pct of total	American Indian	Pct of total	Mexican American	Pct of total	Mainland Puerto Rican	Pct of total	Total Underrep. Minorities	Pct of total	Total Graduates
1971-72	229	2.4	2	*	19	0.2	14	0.2	264	2.8	9,558
1972-73	340	3.3	8	0.1	40	0.4	9	0.1	397	3.8	10,396
1973-74	511	4.5	3	*	80	0.7	17	0.2	611	5.4	11,365
1974-75	638	5.0	22	0.2	110	0.9	28	0.2	798	6.3	12,716
1975-76	743	5.5	31	0.2	130	1.0	29	0.2	933	6.8	13,634
1976-77	752	5.5	29	0.2	146	1.1	38	0.3	965	7.1	13,614
1977-78	791	5.5	46	0.3	166	1.2	62	0.4	1,065	7.4	14,391
1978-79	760	5.1	49	0.3	191	1.3	62	0.4	1,062	7.2	14,784
1979-80	768	5.1	33	0.2	192	1.3	73	0.5	1,066	7.1	15,113
1980-81	766	4.9	43	0.3	201	1.3	76	0.5	1,086	7.0	15,632
1981-82	763	4.8	45	0.3	225	1.4	74	0.5	1,107	6.9	16,012
1982-83	883	5.6	45	0.3	228	1.4	75	0.5	1,231	7.8	15,802
1983-84	818	5.0	59	0.4	220	1.4	94	0.6	1,191	7.3	16,343
1984-85	828	5.1	65	0.4	242	1.5	89	0.6	1,224	7.5	16,318
1985-86	824	5.1	49	0.3	233	1.5	89	0.6	1,195	7.4	16,117
1986-87	820	5.2	63	0.4	226	1.4	81	0.5	1,190	7.5	15,830
1987-88	850	5.3	58	0.4	241	1.5	112	0.7	1,261	7.9	15,919
1988-89	821	5.3	57	0.4	245	1.6	124	0.8	1,247	8.0	15,630
1989-90	874	5.7	52	0.3	249	1.6	93	0.6	1,268	8.2	15,398
1990-91	918	6.0	46	0.3	261	1.7	101	0.7	1,326	8.6	15,427
1991-92	850	5.5	63	0.4	259	1.7	101	0.7	1,273	8.3	15,365
1992-93	943	6.1	71	0.5	243	1.6	106	0.7	1,363	8.8	15,466

* Less than 0.1 Percent.

Note: Underrepresented minorities include only U.S. citizens and aliens with permanent residence; prior to 1981 only U.S. citizens were included. Percentages may not add up to 100.0 due to rounding.

Source: 1971-72 through 1981-82, LCME I; since 1981-82, AAMC Section for Student Services (Reported Graduates Report).

Update: 9/93

TABLE B5
GRADUATE TOTALS IN U.S. MEDICAL SCHOOLS

OTHER ETHNIC GROUPS

Year	White	Pct of total	Asian	Pct of total	Commonwealth Puerto Rican	Pct of total	Other Hispanic	Pct of total	Total Other Ethnic Group	Pct of total	Unknown*	Pct of total	Total Graduates
1978-79	12,628	85.4	378	2.6	123	0.8	69	0.5	13,198	89.3	524	3.5	14,784
1979-80	12,788	84.6	412	2.7	116	0.8	81	0.5	13,397	88.7	650	4.3	15,113
1980-81	13,201	84.5	456	2.9	150	1.0	103	0.7	13,910	89.0	636	4.1	15,632
1981-82	13,826	86.4	528	3.3	145	0.9	166	1.0	14,665	91.6	240	1.5	16,012
1982-83	13,504	85.5	594	3.8	211	1.3	205	1.3	14,514	91.9	57	0.4	15,802
1983-84	14,004	85.7	679	4.2	208	1.3	241	1.5	15,132	92.6	20	0.1	16,343
1984-85	13,788	84.5	750	4.6	229	1.4	247	1.5	15,014	92.0	80	0.5	16,318
1985-86	13,413	83.2	909	5.6	200	1.2	269	1.7	14,791	91.8	131	0.8	16,117
1986-87	13,144	83.0	947	6.0	208	1.3	250	1.6	14,549	91.9	91	0.6	15,830
1987-88	13,002	81.7	1,119	7.0	224	1.4	248	1.6	14,593	91.7	65	0.4	15,919
1988-89	12,606	80.7	1,241	7.9	232	1.5	255	1.6	14,334	91.7	49	0.3	15,630
1989-90	12,075	78.4	1,433	9.3	211	1.4	266	1.7	13,985	90.8	145	0.9	15,398
1990-91	11,792	76.4	1,687	10.9	190	1.2	280	1.8	13,949	90.4	152	1.0	15,427
1991-92	11,525	75.0	1,920	12.5	210	1.4	272	1.8	13,927	90.6	165	1.1	15,365
1992-93	11,316	73.2	2,028	13.1	190	1.2	277	1.8	13,811	89.3	292	1.9	15,466

* Includes Underrepresented Minority and Other Ethnic groups.

Note: Percentages may not add up to 100.0 due to rounding.

Source: AAMC Section for Student Services (Reported Graduates Report).

TABLE B6
PARTICIPATION OF UNDERREPRESENTED MINORITIES IN U.S. MEDICAL EDUCATION*

	APPLICANTS		ACCEPTED APPLICANTS		1st YEAR ENROLLMENT		TOTAL ENROLLMENT		GRADUATES	
YEAR	NO.	PERCENT OF APPLICANTS	NO.	PERCENT OF ACCEPTED APPLICANTS	NO.	PERCENT OF 1ST YEAR	NO.	PERCENT OF ENROLLMENT	NO.	PERCENT OF GRADUATES
1968-69	---	---	---	---	292	3.0	854	2.4	---	---
1969-70	---	---	---	---	501	4.8	1,178	3.1	---	---
1970-71	1,250	5.0	---	---	808	7.1	1,723	4.3	---	---
1971-72	1,552	5.3	---	---	1,063	8.6	2,425	5.6	264	2.8
1972-73	2,186	6.0	---	---	1,172	8.6	3,102	6.5	397	3.8
1973-74	3,049	7.5	1,323	9.2	1,297	9.2	3,765	7.4	611	5.4
1974-75	3,236	7.6	1,411	9.4	1,473	10.0	4,324	8.1	798	6.3
1975-76	3,286	7.8	1,334	8.7	1,391	9.1	4,524	8.1	933	6.8
1976-77	3,592	8.5	1,374	8.7	1,400	9.0	4,715	8.2	965	7.1
1977-78	3,599	8.9	1,381	8.6	1,450	9.0	4,880	8.1	1,065	7.4
1978-79	3,321	9.1	1,357	8.2	1,443	8.7	4,898	7.9	1,062	7.2
1979-80	3,379	9.3	1,447	8.6	1,547	9.1	5,086	8.0	1,066	7.1
1980-81	3,381	9.4	1,461	8.5	1,548	9.0	5,209	8.0	1,086	6.9
1981-82	3,541	9.6	1,499	8.7	1,671	9.7	5,503	8.3	1,107	6.9
1982-83	3,453	9.7	1,451	8.4	1,626	9.4	5,544	8.3	1,231	7.8
1983-84	3,440	9.8	1,469	8.5	1,658	9.7	5,600	8.3	1,191	7.3
1984-85	3,578	10.0	1,533	8.9	1,672	9.8	5,707	8.5	1,224	7.5
1985-86	3,321	10.1	1,480	8.6	1,644	9.7	5,655	8.5	1,195	7.4
1986-87	3,203	10.2	1,512	8.8	1,677	10.0	5,722	8.7	1,190	7.5
1987-88	2,988	10.6	1,546	9.1	1,713	10.2	5,812	8.8	1,261	7.9
1988-89	2,896	10.8	1,531	8.9	1,708	10.1	5,798	8.9	1,247	8.0
1989-90	3,049	11.3	1,627	9.6	1,749	10.4	5,942	9.1	1,268	8.2
1990-91	3,172	10.8	1,612	9.4	1,744	10.3	6,084	9.3	1,326	8.6
1991-92	3,605	10.8	1,738	10.0	1,876	11.0	6,325	9.6	1,273	8.3
1992-93	4,034	10.8	1,939	11.1	2,121	12.4	6,787	10.3	1,363	8.8
1993-94	4,715	11.0	2,015	11.6	2,161	12.6	7,158	10.7		

* Underrepresented minorities include Blacks, American Indians, Mexican Americans and Mainland Puerto Ricans.

Note: Data for applicants and accepted applicants derived from the Final Admission Action Summaries. Data for first-year enrollment and total enrollment derived from the Fall Enrollment Questionnaire. Data for graduates derived from the Services Reported Graduates Report.

Source: AAMC Section for Student Services.

Update: 12/93

TABLE B7
WOMEN APPLICANTS, ACCEPTED STUDENTS AND NEW FIRST-YEAR ENTRANTS TO U.S. MEDICAL SCHOOLS

First-Year Class	APPLICANTS Total	APPLICANTS Women	APPLICANTS Women as Percent of Total	ACCEPTED STUDENTS Total	ACCEPTED STUDENTS Women	ACCEPTED STUDENTS Women as Percent of Total	NEW FIRST-YEAR ENTRANTS Total	NEW FIRST-YEAR ENTRANTS Women	NEW FIRST-YEAR ENTRANTS Women as Percent of Total
1960-61	14,397	1,044	7.3	8,560	600	7.0	8,069	--	--
1961-62	14,331	1,116	7.8	8,682	736	8.5	8,143	--	--
1962-63	15,847	1,201	7.6	8,959	717	8.0	8,394	--	--
1963-64	17,668	1,432	8.1	9,063	758	8.4	8,565	--	--
1964-65	19,168	1,731	9.0	9,043	824	9.1	8,587	--	--
1965-66	18,703	1,676	9.0	9,012	799	8.9	8,554	799	9.3
1966-67	18,250	1,696	9.3	9,123	856	9.4	8,775	856	9.8
1967-68	18,724	1,951	10.4	9,702	984	10.1	9,314	909	9.8
1968-69	21,118	2,097	9.9	10,092	976	9.7	9,740	876	9.0
1969-70	24,465	2,289	9.4	10,547	1,011	9.6	10,269	929	9.1
1970-71	24,987	2,734	10.9	11,500	1,297	11.3	11,169	1,228	11.0
1971-72	29,172	3,737	12.8	12,335	1,685	13.7	12,088	1,653	13.7
1972-73	36,135	5,480	15.2	13,757	2,359	17.2	13,570	2,251	16.6
1973-74	40,506	7,202	17.8	14,335	2,847	19.9	13,876	2,726	19.7
1974-75	42,621	8,712	20.4	15,066	3,392	22.5	14,576	3,263	22.4
1975-76	42,303+	9,617	22.7	15,365*	3,666	23.9	14,898++	3,534	23.7
1976-77	42,155	10,244	24.3	15,774	3,922	24.9	15,268	3,771	24.7
1977-78	40,567	10,195	25.1	15,981	4,081	25.5	15,492	3,944	25.5
1978-79	36,636	9,561	26.1	16,527	4,175	25.3	16,054	4,019	25.0
1979-80	36,141	10,222	28.3	16,886	4,730	28.0	16,444	4,575	27.8
1980-81	36,100	10,664	29.5	17,146	4,950	28.9	16,590	4,758	28.7
1981-82	36,727	11,673	31.8	17,286	5,333	30.9	16,660	5,113	30.7
1982-83	35,730	11,685	32.7	17,294	5,451	31.5	16,567	5,210	31.5
1983-84	35,200	11,961	34.0	17,209	5,632	32.7	16,480	5,370	32.6
1984-85	35,944	12,476	34.7	17,194	5,731	33.3	16,395	5,469	33.4
1985-86	32,893	11,562	35.2	17,228	5,858	34.0	16,268	5,520	33.9
1986-87	31,323	11,267	36.0	17,092	5,933	34.7	16,103	5,574	34.6
1987-88	28,123	10,411	37.0	17,027	6,205	36.4	15,927	5,767	36.2
1988-89	26,721	10,264	38.4	17,108	6,323	37.0	15,969	5,878	36.8
1989-90	26,915	10,546	39.2	16,975	6,453	38.0	15,867	6,025	38.0
1990-91	29,243	11,785	40.3	17,206	6,656	38.7	15,998	6,153	38.5
1991-92	33,301	13,700	41.1	17,436	6,943	39.8	16,211	6,433	39.7
1992-93	37,410	15,619	41.8	17,464	7,257	41.6	16,289	6,772	41.6
1993-94	42,808	17,957	42.0	17,362	7,288	42.0	16,307	6,851	42.0

\+ Includes 56 applicants for whom gender information was not available.

++ Includes 2 new first-year entrants for whom gender information was not available.

* Includes 5 accepted students for whom gender information was not available.

Source: Data for 1974-75 through 1977-78 were revised to eliminate missing information based on AP, MCAT and Other data in the AAMC Student and Applicant Information Management System (SAIMS). Since 1978-79 from AAMC Section for Student Services (Final National Admission Action Summaries).

Update: 12/93

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TABLE B8
ENROLLMENT OF WOMEN AND WOMEN GRADUATES IN U.S. MEDICAL SCHOOLS

	FIRST-YEAR ENROLLMENT*			TOTAL ENROLLMENT			GRADUATES		
Year	Total	Women	Women as Percent of Total	Total	Women	Women as Percent of Total	Total	Women	Women as Percent of Total
1960-61	8,298	786+	9.5	30,288	1,756	5.8	6,994	354	5.0
1961-62	8,483	--	--	31,078	1,970	6.3	7,168	391	5.5
1962-63	8,642	--	--	31,491	2,098	6.7	7,265	405	5.6
1963-64	8,772	--	--	31,981	2,224	7.0	7,336	449	6.1
1964-65	8,856	--	--	32,428	2,503	7.7	7,409	503	6.8
1965-66	8,759	731**	8.4	32,835	2,589	7.9	7,574	524	6.9
1966-67	8,964	832**	9.3	33,423	2,771	8.3	7,743	583	7.5
1967-68	9,479	934**	9.9	34,538	3,003	8.7	7,973	641	8.0
1968-69	9,863	887	9.0	35,833	3,136	8.8	8,059	607	7.5
1969-70	10,422	948	9.1	37,669	3,390	9.0	8,367	700	8.4
1970-71	11,348	1,256	11.1	40,487	3,894	9.6	8,974	827	9.2
1971-72	12,361	1,693	13.7	43,650	4,755	10.9	9,558	861	9.0
1972-73	13,677	2,300	16.8	47,366	6,082	12.8	10,396	934	9.0
1973-74	14,154	2,790	19.7	50,751	7,828	15.4	11,365	1,264	11.1
1974-75	14,763	3,275	22.2	53,554	9,661	18.0	12,716	1,706	13.4
1975-76	15,295	3,647	23.8	55,818	11,417	20.5	13,634	2,212	16.2
1976-77	15,613	3,858	24.7	57,765	12,954	22.4	13,614	2,613	19.2
1977-78	16,136	4,130	25.6	60,039	14,218	23.7	14,391	3,085	21.4
1978-79	16,501	4,162	25.2	62,213	15,102	24.3	14,784	3,445	23.3
1979-80	16,930	4,713	27.8	63,800#	16,141	25.3	15,113	3,497	23.1
1980-81	17,186	4,966	28.9	65,189~	17,248	26.5	15,632	3,898	24.9
1981-82	17,268	5,317	30.8	66,298	18,505	27.9	16,012	3,991	24.9
1982-83	17,254	5,462	31.7	66,748	19,597	29.4	15,802	4,232	26.8
1983-84	17,150	5,653	33.0	67,327	20,635	30.7	16,343	4,632	28.3
1984-85	16,997	5,715	33.6	67,016	21,316	31.8	16,318	4,904	30.1
1985-86	16,963	5,800	34.2	66,585	21,650	32.5	16,117	4,957	30.8
1986-87	16,819	5,894	35.0	66,125	22,100	33.4	15,830	5,107	32.3
1987-88	16,713	6,098	36.5	65,735	22,544	34.3	15,919	5,215	32.8
1988-89	16,868	6,254	37.1	65,300	22,985	35.2	15,630	5,221	33.4
1989-90	16,756	6,414	38.3	65,016	23,513	36.2	15,398	5,231	34.0
1990-91	16,876	6,550	38.8	65,163	24,286	37.3	15,427	5,553	36.0
1991-92	17,071	6,804	39.9	65,602	24,962	38.1	15,365	5,550	36.1
1992-93	17,079	7,158	41.9	66,142	26,038	39.4	15,466	5,880	38.0
1993-94	17,121	7,230	42.2	66,629	26,854	40.3			

* Includes new entrants and those repeating the initial year.

** Journal of Medical Education, February 1973, p. 188.

\+ Journal of American Medical Association, Supplement Vol. 231, 1975, p. 18.

\# Total includes 22 students for whom gender information was not available.

~ Total includes 55 students for whom gender information was not available.

Source: AAMC Section for Student Services (Fall Enrollment Questionnaire and Reported Graduates Report).

Update: 12/93

TABLE B9
MEDICAL SCHOOL APPLICANTS BY STATE OF LEGAL RESIDENCE

	1985 # of APPS	1985 Available Places	1990 # of APPS	1990 Available Places	1991 # of APPS	1991 Available Places	1992 # of APPS	1992 Available Places	1993 # of APPS	1993 Available Places
Alabama	467	217	385	230	440	229	556	231	588	232
Alaska*	52	0	42	0	52	0	54	0	63	0
Arizona	326	87	276	88	325	88	389	92	471	96
Arkansas	322	137	298	142	348	140	400	146	377	144
California	3,450	987	3,644	996	4,484	999	4,656	1,002	5,442	1,026
Colorado	459	135	373	131	458	130	544	128	602	130
Connecticut	420	189	369	178	422	178	512	180	522	180
Delaware	68	0	60	0	75	0	79	0	88	0
D.C.	116	456	102	470	113	464	111	456	109	451
Florida	1,065	346	1,063	344	1,196	349	1,373	346	1,597	350
Georgia	641	348	592	367	737	371	869	367	1,054	383
Hawaii	165	56	117	56	149	56	171	53	189	56
Idaho*	74	0	64	0	68	0	92	0	128	0
Illinois	1,660	1,079	1,417	1,055	1,712	1,080	1,845	1,064	2,259	1,062
Indiana	586	275	466	265	531	265	604	265	702	282
Iowa	327	175	266	163	288	175	360	176	357	175
Kansas	309	200	265	173	322	175	356	201	433	175
Kentucky	473	218	401	219	458	218	508	226	573	234
Louisiana	679	422	547	422	601	423	736	423	929	423
Maine	52	0	75	0	72	0	70	0	100	0
Maryland	836	426	776	420	874	427	957	441	1,121	454
Massachusetts	975	552	747	566	793	577	903	574	982	586
Michigan	1,322	554	1,023	580	1,200	568	1,403	563	1,617	537
Minnesota	574	292	520	270	650	271	735	277	767	277
Mississippi	309	110	261	100	252	100	338	100	367	100
Missouri	508	465	423	476	514	478	571	471	622	456
Montana*	72	0	64	0	60	0	93	0	83	0
Nebraska	320	218	231	238	255	243	325	234	376	245
Nevada	125	48	85	43	135	52	142	52	146	52
New Hampshire	57	83	57	87	52	88	76	86	91	87
New Jersey	1,167	300	1,037	313	1,182	312	1,343	311	1,496	312
New Mexico	195	73	142	73	162	73	232	73	267	73
New York	3,413	1,687	2,900	1,654	3,007	1,700	3,269	1,732	3,613	1,711
North Carolina	642	445	631	446	700	441	795	441	995	440
North Dakota	123	55	87	57	103	57	122	57	151	58
Ohio	1,554	894	1,295	829	1,411	827	1,622	840	1,907	852
Oklahoma	349	186	318	150	322	150	373	148	463	148
Oregon	254	91	249	93	271	95	329	91	388	92
Pennsylvania	1,642	1,064	1,408	1,080	1,519	1,125	1,601	1,109	1,772	1,096
Puerto Rico	567	285	418	207	412	226	473	231	475	221
Rhode Island	112	60	82	58	88	61	104	64	99	66
South Carolina	396	210	393	201	359	200	459	202	558	214
South Dakota	104	50	76	50	97	50	125	50	103	51
Tennessee	595	406	516	373	532	396	635	408	773	406
U.S. Terr. & Poss.	34	0	27	0	24	0	29	0	27	0
Texas	2,018	1,124	2,063	1,114	2,290	1,117	2,451	1,129	2,754	1,123
Utah	276	100	215	98	306	99	308	100	380	100
Vermont	66	93	70	93	66	94	72	93	78	95
Virginia	732	404	692	405	843	407	998	407	1,220	408
Washington*	460	175	408	165	487	165	514	165	637	165
West Virginia	236	138	195	130	197	126	232	137	272	137
Wisconsin	545	353	406	330	547	346	591	347	651	346
Wyoming	48	0	36	0	39	0	31	0	35	0
Unidentified	123	0	--	--	14	0	59	0	83	0
Foreign	433	0	570	0	687	0	815	0	856	0
Total	**32,893**	**16,268**	**29,243**	**15,998**	**33,301**	**16,211**	**37,410**	**16,289**	**42,808**	**16,307**

* The University of Washington in Seattle reserve places for 10 residents of Alaska, 20 residents of Montana and 15 residents of Idaho.

Note: The numbers appearing in the "available places" columns are the numbers of new students in the first year classes.

Source: AAMC Section for Student Services (Final National Admission Action Summaries and Final Admission Action Report)

Update: 12/93

TABLE B10
U.S. CITIZENS AND ALIENS RECEIVING ECFMG CERTIFICATION

	USMLE Step 1 & 2 Examinees First Takers*			NBME Part I & II Examinees First Takers*			FMGEMS Examinees First Takers			Certificates Awarded		
		Alien			Alien			Alien			Aliens	
	USFMGs	FMGs	TOTAL	USFMGs	FMGs	TOTAL	USFMGs	FMGs	TOTAL	USFMGs	FMGs	TOTAL
1970	---	---	---	---	---	---	---	---	---	250	5,186	5,436
1971	---	---	---	---	---	---	---	---	---	276	6,610	6,886
1972	---	---	---	---	---	---	---	---	---	379	8,333	8,712
1973	---	---	---	---	---	---	---	---	---	254	5,973	6,227
1974	---	---	---	---	---	---	---	---	---	166	7,413	7,579
1975	---	---	---	---	---	---	---	---	---	215	6,327	6,542
1976	---	---	---	---	---	---	---	---	---	328	6,669	6,997
1977	---	---	---	---	---	---	---	---	---	384	6,252	6,636
1978	---	---	---	---	---	---	---	---	---	418	4,548	4,966
1979	---	---	---	---	---	---	---	---	---	491	4,326	4,817
1980	---	---	---	---	---	---	---	---	---	655	5,101	5,756
1981	---	---	---	---	---	---	---	---	---	1,127	5,936	7,063
1982	---	---	---	---	---	---	---	---	---	1,304	5,427	6,731
1983	---	---	---	---	---	---	---	---	---	1,442	5,685	7,127
1984	---	---	---	---	---	---	1,109	3,376	4,485	1,524	6,110	7,634
1985	---	---	---	---	---	---	1,668	7,984	9,652	1,044	3,541	4,585
1986	---	---	---	---	---	---	1,389	7,388	8,777	644	2,941	3,585
1987	---	---	---	---	---	---	1,114	7,013	8,127	770	3,035	3,805
1988	---	---	---	---	---	---	889	7,565	8,454	802	3,259	4,061
1989**	---	---	---	430	1,189	1,619	447	8,239	8,686	547	3,545	4,092
1990**	---	---	---	369	1,514	1,883	386	9,389	9,775	543	4,167	4,710
1991**	---	---	---	426	1,792	2,218	539	12,477	13,016	415	4,120	4,535
1992**	440	4,294	4,734	21	473	494	376	12,755	13,131	777	11,053	11,830

* 1989 was first administration of NBME Part I and II to FMGs. 1992 was first admininstation of USMLE Step 1 and Step 2 to FMGs.

** FMGEMS statistics do not reflect NBME Part I and Part II first time examinees. The certificates awarded figures include all examinees certified, based upon either FMGEMS or NBME Parts I and II.

Source: Educational Commission for Foreign Medical Graduates

Update: 1/94

TABLE B11
FIRST CHOICE OF CAREER ACTIVITY CHOICE FOR GRADUATING SENIORS
PERCENT OF GRADUATES BY YEAR*

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
Full Time Academic Faculty Appointment												
Basic science												
Teaching and Research	0.9	1.1	1.2	1.2	1.0	1.1	1.3	1.3	1.3	1.2	1.2	1.2
Clinical science												
Teaching and Research	20.9	23.3	22.5	26.4	26.7	27.2	28.7	28.8	28.8	27.1	28.8	29.2
Salaried Research Scientist												
Basic medical sciences	0.1	0.2	0.3	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.1	0.2
Clinical sciences	0.3	0.4	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
Private Clinical Practice												
Alone	4.3	3.9	3.8	3.3	3.4	3.1	3.4	3.1	2.9	2.5	2.5	2.4
In partnership with one other physician	11.7	10.7	11.0	9.3	9.3	8.9	8.6	7.2	7.5	7.1	6.3	6.7
In a group of three or more physicians	36.2	35.1	36.4	35.2	35.7	37.1	36.5	35.8	37.8	38.6	37.6	36.0
Undecided among the other private practice options	12.2	11.4	11.3	10.1	9.4	9.0	8.5	9.9	8.3	7.5	7.7	7.7
Salaried Clinical Practice, Employed by												
Hospital	6.1	6.4	6.4	6.1	6.2	6.1	6.1	7.0	6.8	8.0	7.9	8.3
Prepaid group clinic	2.3	2.6	2.6	2.7	2.6	2.2	1.2	1.2	1.3	1.5	1.8	2.0
State or federal agency	3.7	3.7	3.4	3.2	3.1	2.8	2.6	3.0	2.6	3.1	3.4	3.2
Administration - No Practice	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.3	0.3	0.2	0.2	0.2
Other	---	---	---	1.3	1.4	1.5	1.4	1.2	1.1	1.4	1.3	1.7
No Response	0.9	0.8	0.6	0.6	0.5	0.5	0.8	0.7	0.9	1.4	0.9	1.0

* Based on first choice of top three choices.

Source: 1981-1993 AAMC Medical School Graduation Questionnaire, Section for Educational Research

Update: 10/93

TABLE B12
PRACTICE SETTING LOCATION OF GRADUATING SENIORS
PERCENT OF GRADUATES BY YEAR

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
Large city (pop. 500,000 or more)	20.2	21.1	20.5	21.8	22.6	23.3	22.9	23.7	23.5	23.6	23.1	23.8
Suburb of a large city	11.5	11.8	13.4	14.1	15.0	16.3	17.5	17.4	18.2	18.7	18.9	18.4
City of moderate size (pop. 50,000 to 500,000)	28.6	29.0	28.8	29.1	28.8	28.9	29.6	29.9	29.3	29.1	27.4	26.7
Suburb of moderate size city	7.1	7.0	7.9	7.8	7.9	8.0	8.3	8.5	8.9	9.0	9.8	9.1
Small city (pop. 10,000 to 50,000 - other than suburb)	16.0	14.6	13.5	12.5	11.9	10.7	9.2	9.1	9.0	8.5	8.7	9.5
Town (pop. 2,500 to 10,000 - other than suburb)	6.5	6.2	5.6	4.8	4.5	3.9	3.2	2.9	2.8	2.9	3.0	3.4
Small town (pop. less than 2,500)	1.5	1.2	1.4	1.1	1.0	1.0	0.8	0.7	0.7	0.8	1.0	1.1
Rural/unincorporated area	0.9	0.9	0.8	0.8	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Undecided or no preference	7.1	7.5	7.4	7.5	6.6	6.6	7.0	6.5	6.3	5.2	6.3	6.0
No response	0.7	0.7	0.5	0.5	0.7	0.6	0.5	0.4	0.6	1.5	1.0	1.3

Source: 1981-1993 AAMC Medical School Graduation Questionnaire, Section for Educational Research.

Update: 10/93

TABLE B13
SPECIALTY CERTIFICATION PLANS OF GRADUATING MEDICAL STUDENTS

Specialty Certification List	1983	1984	1985	1986	1987	1988	1989	1991	1992	1993
Allergy and Immunology	0.3	0.3	0.4	0.5	0.3	0.5	0.7	0.4	0.3	0.2
Anesthesiology and Critical Care	4.8	5.4	5.7	5.0	5.5	5.7	6.2	7.0	6.8	5.7
Colon and Rectal Surgery	0.1	0.1	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.2
Dermatology and Subspecialties	1.3	1.5	1.7	1.8	1.9	2.2	2.7	2.0	1.9	1.9
Emergency Medicine	2.8	2.9	2.9	3.0	3.2	3.4	3.7	5.1	5.4	5.1
Family Practice	15.1	14.4	13.3	13.8	14.8	11.3	11.8	9.4	9.0	11.8
Family Practice Subspecialties	--	--	--	--	--	--	--	2.0	1.9	2.3
General Internal Medicine	12.9	11.4	10.7	10.0	8.6	8.1	6.0	2.9	3.2	4.5
Internal Medicine Subspecialties	9.0	9.7	10.6	10.4	10.6	11.7	13.5	16.0	16.4	14.2
Neurology and Child Neurology	1.5	2.0	1.9	2.2	1.8	2.2	2.1	2.3	2.2	1.9
Nuclear Medicine	0.1	0.0	0.0	0.1	0.0	0.1	0.2	0.0	0.0	0.0
Obstetrics/Gynecology	6.1	6.7	5.4	5.2	4.5	5.3	4.6	2.5	2.7	3.1
OB/GYN Subspecialties	1.4	1.3	1.6	1.6	1.7	1.8	2.1	3.9	4.1	4.3
Ophthalmology	3.5	3.5	3.6	3.8	3.6	3.5	3.4	3.4	3.4	3.2
Pathology	2.6	2.1	1.7	1.6	1.9	1.7	2.1	0.5	0.3	0.6
Pathology Subspecialties	--	--	--	--	--	--	--	1.7	1.7	1.3
Pediatrics (General)	6.1	6.4	5.8	6.0	5.7	5.3	4.9	2.6	2.4	3.0
Pediatric Subspecialties	1.9	1.9	2.3	2.4	2.9	2.9	3.1	5.3	5.3	5.4
Physical Medicine and Rehabilitation	0.8	0.9	1.2	1.4	1.5	1.8	1.8	1.9	1.7	1.6
Preventive Medicine and Public Health and Supbspecialties	0.2	0.3	0.2	0.2	0.3	0.2	0.4	0.3	0.4	0.3
Psychiatry	4.0	3.5	4.2	4.4	4.4	4.6	4.1	2.1	1.6	1.5
Psychiatry Subspecialties	0.7	0.8	1.0	1.1	1.3	1.6	1.6	2.9	2.5	2.5
Radiology and Radiology Subspecialties	5.5	5.7	5.7	5.2	5.8	6.9	6.4	7.7	7.2	7.3
General Surgery	5.5	6.0	6.2	6.5	6.1	5.6	5.3	2.1	2.1	2.1
Surgical Subspecialties	0.7	0.6	0.6	0.6	0.7	0.7	0.8	3.2	3.7	4.2
Neurological Surgery and Critical Care	1.0	0.8	1.0	0.8	0.9	1.2	1.0	1.0	1.0	1.1
Orthopedic and Hand Surgery	5.7	5.6	5.7	5.9	5.1	5.4	5.1	4.7	5.3	4.8
Otolaryngology	2.1	2.0	2.4	2.3	2.2	2.3	2.3	2.3	2.4	1.9
Plastic and Hand Surgery	1.4	1.4	1.4	1.5	1.6	1.3	1.4	1.6	1.5	1.2
Thoracic Surgery	1.2	1.0	0.9	0.8	0.8	0.9	0.8	1.1	1.2	0.7
Urology	1.6	1.9	2.0	1.8	1.9	1.6	1.6	1.8	1.9	1.8
Total Decided Respondents	9,533	9,743	10,236	9,957	10,386	9,486	10,144	7,749	8,062	8,128
Total Percentage	100	100	100	100	100	100	100	100	100	100
Undecided whether to specialize	746	628	628	617	721	653	750	343	477	439
Undecided whether to subspecialize	--	--	--	--	--	--	--	2,717	2,860	2,602
Not planning to seek certification	109	79	73	89	129	145	161	407	489	393
No Response	93	97	111	76	71	95	120	217	208	569
Total Responding to Questionnaire	10,482	10,548	11,049	10,740	11,308	10,380	11,176	11,434	12,096	12,131
Total Generalist Specialties*	34.1	32.2	29.9	29.9	29.1	24.8	22.7	14.9	14.6	19.3
Total Medical Specialties+	20.0	19.9	22.2	23.1	23.5	25.9	28.3	33.3	32.5	30.3
Total Surgical Specialties#	30.3	30.9	30.6	30.8	29.4	29.7	28.6	27.8	29.6	28.7
Total Support Specialties~	16.5	17.0	17.3	16.3	18.0	19.6	20.5	23.9	23.3	21.7

Note: Percentages are based on students' sole specialty choice and first choice of up to three alternatives calculated as a fraction of the total number of decided respondents. Respondents who intended not to seek certification in a specialty/subspecialty or did not respond to the specialty certification question were not included in the calculations. Specialty certification data not available for 1990. Specialty certification data beginning 1991 are based on a new question format.

* General specialties include general family practice, general internal medicine and general pediatrics.

\+ Medical specialties include family practice subspecialties, internal medicine subspecialties, pediatric subspecialties, psychiatry and neurology and their subspecialties, allergy and immunology and subspecialties, public health, preventive medicine and its related specialties, and dermatology and its subspecialties.

\# Surgical specialties include general surgery and its subspecialties, colon and rectal surgery, neurological surgery, obstetrics and gynecology and subspecialties, ophthalmology, orthopedic surgery, otolaryngology, plastic surgery, thoracic surgery and urology.

~ Support specialties include anesthesiology and its critical care subspecialty, emergency medicine, nuclear medicine, pathology and its subspecialties, physical medicine and rehabilitation, and radiology and related subspecialties.

Source: AAMC Medical School Graduation Questionnaire, Section for Educational Research.

Update: 10/93

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TABLE B14
MEAN MEDICAL COLLEGE ADMISSION TEST SCORES AND GRADE POINT AVERAGES FOR U.S. MEDICAL SCHOOL APPLICANTS AND MATRICULANTS

ALL APPLICANTS	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
MCAT Scores*												
Biological Sciences	---	---	---	---	---	---	---	---	---	---	8.2	8.3
Biology	8.8	9.0	9.0	9.1	8.9	9.1	8.8	8.8	8.7	8.6	---	---
Chemistry	8.6	8.7	8.7	8.7	8.7	8.7	8.5	8.4	8.3	8.3	---	---
Physical Sciences	---	---	---	---	---	---	---	---	---	---	8.1	8.2
Physics	8.7	8.8	8.8	8.9	8.8	8.7	8.6	8.4	8.3	8.3	---	---
Problems	8.5	8.7	8.7	8.8	8.7	8.7	8.5	8.4	8.3	8.3	---	---
Reading	8.1	8.2	8.3	8.3	8.2	8.2	8.0	8.0	8.0	7.9	---	---
Quantitative	8.1	8.0	8.1	8.2	8.1	8.1	8.0	7.9	7.8	7.7	---	---
Verbal Reasoning	---	---	---	---	---	---	---	---	---	---	8.3	8.3
Writing Sample	---	---	---	---	---	---	---	---	---	---	0	0
Science GPA	3.24	3.22	3.21	3.21	3.21	3.20	3.18	3.16	3.14	3.13	3.13	3.15
Non-Science GPA	3.43	3.43	3.42	3.43	3.43	3.43	3.42	3.40	3.39	3.38	3.39	3.40
Total GPA**	3.32	3.31	3.30	3.31	3.30	3.30	3.28	3.27	3.25	3.24	3.24	3.26
NUMBER	35,730	35,200	35,944	32,893	31,323	28,123	26,721	26,915	29,243	33,301	37,410	42,808

ALL MATRICULANTS	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
MCAT Scores+												
Biological Sciences	---	---	---	---	---	---	---	---	---	---	9.3	9.5
Biology	9.8	10.0	10.1	10.0	9.8	9.9	9.6	9.6	9.6	9.7	---	---
Chemistry	9.8	9.8	9.8	9.8	9.7	9.6	9.4	9.2	9.3	9.4	---	---
Physical Sciences	---	---	---	---	---	---	---	---	---	---	9.2	9.3
Physics	9.9	9.9	10.0	9.9	9.8	9.6	9.4	9.3	9.3	9.4	---	---
Problems	9.7	9.8	9.9	9.8	9.7	9.6	9.3	9.3	9.3	9.4	---	---
Reading	8.8	9.0	9.1	9.0	9.0	8.8	8.7	8.7	8.7	8.8	---	---
Quantitative	8.9	8.9	9.0	9.0	8.9	8.8	8.7	8.6	8.6	8.7	---	---
Verbal Reasoning	---	---	---	---	---	---	---	---	---	---	9.2	9.4
Writing Sample	---	---	---	---	---	---	---	---	---	---	0	0
Science GPA	3.46	3.44	3.43	3.42	3.40	3.38	3.34	3.33	3.34	3.35	3.38	3.41
Non-Science GPA	3.56	3.55	3.55	3.55	3.54	3.53	3.51	3.50	3.50	3.51	3.54	3.55
Total GPA++	3.50	3.49	3.48	3.47	3.46	3.44	3.42	3.40	3.41	3.42	3.45	3.47
NUMBER	16,567	16,480	16,395	16,268	16,103	15,927	15,969	15,867	15,998	16,211	16,289	16,307

Note: The New MCAT began in 1992.

* For 1993, standard deviations for MCAT areas (Verbal Reasoning, Physical Sciences, Biological Sciences) is 2.3.
** For 1993, standard deviations for all GPA(s) from 0.39 to 0.51.

\+ For 1993, standard deviations for MCAT areas (Verbal Reasoning, Physical Sciences, Biological Sciences) range from 1.8 to 2.1.
++ For 1993, standard deviations for all GPA(s) from 0.33 to 0.41.

Source: AAMC Section for Student Services, (Final National Admission Action Summaries).

Update: 12/93

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TABLE B15
NUMBER OF MCAT EXAMINEES

YEAR	NUMBER TESTED
1949	16,100
1950	16,500
1951	12,500
1952	11,400
1953	11,700
1954	12,100
1955	13,600
1956	14,200
1957	13,900
1958	14,100
1959	13,600
1960	14,200
1961	15,200
1962	17,300
1963	19,300
1964	19,000
1965	18,900
1966	19,700
1967	22,300
1968	26,600
1969	28,900
1970	33,900
1971	45,300
1972	51,700

	NUMBER TESTED		
YEAR	SPRING	FALL	TOTAL
1973	29,715	25,302	55,017
1974	32,159	26,139	58,298
1975	31,574	26,053	57,627
1976	29,921	23,687	53,608
1977	30,648	26,010	56,658
1978	27,356	24,449	51,805
1979	25,249	22,844	48,093
1980	25,240	24,421	49,661
1981	24,335	24,818	49,153
1982	23,481	25,103	48,584
1983	24,356	25,610	49,966
1984	22,753	23,285	46,038
1985	21,202	22,156	43,358
1986	18,725	20,931	39,656
1987	17,636	20,209	37,845
1988	16,708	20,592	37,300
1989	17,556	23,001	40,557
1990	18,790	24,700	43,490
1991	22,408	31,098	53,506
1992	25,700	32,841	58,541
1993	27,968	34,208	62,176

Note: Total examinees taking the MCAT for years 1949 through 1972 rounded to the nearest one hundred.

Source: Summaries of MCAT Score Distribution and AAMC Applicant Studies. Section for the Medical College Admission Test.

Update: 1/94

TABLE C1
NUMBER OF FULL-TIME, PART-TIME, AND VOLUNTEER FACULTY IN U.S. MEDICAL SCHOOLS*

	1986-87	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93
PRECLINICAL SCIENCE							
Full-time	14,471	14,575	14,832	15,129	15,432	15,969	15,579
Part-time	767	819	994	776	969	1,030	1,076
Volunteer	6,472	6,472	6,633	6,411	6,708	6,639	6,670
Total Preclinical Science	21,710	21,866	22,459	22,316	23,109	23,638	23,325
CLINICAL SCIENCE							
Full-time	48,841	52,260	55,468	57,202	59,189	64,115	65,913
Part-time	7,464	7,502	8,843	7,744	8,857	9,122	12,073
Volunteer	112,296	115,811	121,245	116,245	118,495	120,632	127,594
Total Clinical Science	168,601	175,573	185,556	181,191	186,541	193,869	205,580
TOTAL (Full-Time)	63,312	66,835	70,300	72,331	74,621	80,084	81,492
TOTAL (All Categories)	190,311	197,439	208,015	203,507	209,650	217,507	228,905
NUMBER OF SCHOOLS REPORTING	127	126	127	126	126	126	126

	1960-61	1965-66	1970-71	1975-76	1980-81	1985-86
PRECLINICAL SCIENCE						
Full-time	4,023	5,671	8,283	10,653	12,816	14,204
Part-time	NA	NA	822	816	993	977
Volunteer	NA	NA	3,198	4,429	5,094	6,226
Total Preclinical Science	4,023	5,671	12,303	15,898	18,903	21,407
CLINICAL SCIENCE						
Full-time	7,201	11,447	19,256	28,198	37,716	47,193
Part-time	NA	NA	6,972	6,910	8,481	9,518
Volunteer	NA	NA	46,776	65,226	84,103	107,112
Total Clinical Science	7,201	11,447	73,004	100,334	130,300	163,823
TOTAL (Full-Time)	11,224	17,118	27,539	38,851	50,532	61,397
TOTAL (All Categories)	11,224	17,118	85,307	116,232	149,203	185,230
NUMBER OF SCHOOLS REPORTING	85	88	110	114	125	127

* The following schools did not provide faculty data in the indicated years: 1975-76 University of Virginia; 1980-81 Ponce School of Medicine; 1986-87 University of California at San Francisco (clinical faculty); 1987-88 Howard University; and 1989-90 Oral Roberts. 1990-91 Oral Roberts University closed.

Note: All Pathology faculty are included in the Preclinical Science faculty category.

Source: LCME Annual Questionnaire, Part II, AAMC Institutional Profile System, Section for Operational Studies

Update: 12/93

TABLE C2
DISTRIBUTION OF U.S. MEDICAL SCHOOL FACULTY BY DEGREE AND DEPARTMENT

DEPARTMENT	MD		PhD/OHD*		MD-PhD MD-OHD*		Other		DEPARTMENT TOTAL	
	1992	1993	1992	1993	1992	1993	1992	1993	1992	1993
Anatomy	60	57	1,529	1,524	61	57	56	74	1,706	1,712
Biochemistry	66	72	1,891	1,954	54	59	80	87	2,091	2,172
Microbiology	100	106	1,399	1,434	47	52	87	101	1,633	1,693
Pathology-Basic	1,450	1,489	769	802	312	320	206	329	2,737	2,940
Pharmacology	118	116	1,283	1,310	101	94	49	59	1,551	1,579
Physiology	132	124	1,568	1,565	90	92	50	72	1,840	1,853
Other Basic Science	111	122	1,031	1,090	55	59	119	157	1,316	1,428
Subtotal Basic Science	**2,037**	**2,086**	**9,470**	**9,679**	**720**	**733**	**647**	**879**	**12,874**	**13,377**
Anesthesiology	2,649	2,856	208	225	228	254	215	345	3,300	3,680
Dermatology	327	340	56	70	38	39	20	50	441	499
Family Medicine	1,280	1,374	281	298	31	34	146	150	1,738	1,856
Internal Medicine	12,574	13,223	1,564	1,712	1,003	1,060	621	1,225	15,762	17,220
Neurology	1,330	1,408	343	359	202	230	121	236	1,996	2,233
OB/GYN	2,096	2,233	372	390	139	140	231	287	2,838	3,050
Ophthalmology	775	814	310	327	78	84	109	156	1,272	1,381
Orthopedic Surgery	721	802	126	131	33	33	73	95	953	1,061
Otolaryngology	374	402	193	231	25	31	56	87	648	751
Pathology-Clinical	848	844	380	391	170	174	71	58	1,469	1,467
Pediatrics	5,553	5,923	810	841	356	379	401	555	7,120	7,698
Physical Medicine	417	439	124	139	16	23	119	119	676	720
Psychiatry	3,184	3,227	1,890	1,952	220	228	537	846	5,831	6,253
Public Health	461	450	554	568	47	49	219	235	1,281	1,302
Radiology	3,170	3,246	852	888	181	211	304	425	4,507	4,770
Surgery	4,763	4,935	650	699	312	330	253	408	5,978	6,372
Other Clinical	17	17	38	48	1	4	6	9	62	78
Subtotal Clinical	**40,539**	**42,533**	**8,751**	**9,269**	**3,080**	**3,303**	**3,502**	**5,286**	**55,872**	**60,391**
Vet Sciences	0	0	35	36	0	0	3	3	38	39
Allied Health	1	1	118	103	1	1	143	138	263	243
Dentistry	0	0	74	75	1	2	3	3	78	80
Social Sciences	41	41	46	40	2	2	11	11	100	94
Administration	159	141	124	107	15	15	68	70	366	333
All Others	48	36	283	280	19	20	246	251	596	587
TOTAL FACULTY	**42,825**	**44,838**	**18,901**	**19,589**	**3,838**	**4,076**	**4,623**	**6,641**	**70,187**	**75,144**

*OHD=Other Health Doctorate

NOTE: The data are reported voluntarily by the schools and thus reflect school-to-school differences in timeliness and consistency of reporting. The database contains records of approximately 85 percent of all active full-time U.S. medical school faculty. The 15 percent undercount should be taken into consideration when using the data.

SOURCE: AAMC Section for Operational Studies, Faculty Roster System

Update: 10/93

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TABLE C3
DISTRIBUTION OF U.S. MEDICAL SCHOOL FACULTY BY ETHNICITY AND DEPARTMENT 1993

DEPARTMENT	White	American Indian/ Alaskan Native	Asian	Black	Mexican American	Puerto Rican	Other Hispanic	Ethnicity Unknown	DEPT. TOTAL
Anatomy	1,444	1	112	19	5	10	18	103	1,712
Biochemistry	1,735	---	245	20	3	9	30	130	2,172
Microbiology	1,328	1	173	30	3	19	27	112	1,693
Pathology-Basic	2,253	5	317	36	11	16	85	217	2,940
Pharmacology	1,238	1	176	24	3	11	23	103	1,579
Physiology	1,538	2	122	32	6	7	46	100	1,853
Other Basic Science	1,162	---	81	10	8	1	17	149	1,428
Subtotal Basic Science	10,698	10	1,226	171	39	73	246	914	13,377
Anesthesiology	2,760	1	430	92	11	32	51	303	3,680
Dermatology	386	2	45	10	1	9	7	39	499
Family Medicine	1,582	6	56	68	22	35	16	71	1,856
Internal Medicine	13,764	13	1,366	420	40	144	249	1,224	17,220
Neurology	1,778	4	185	23	3	8	52	180	2,233
OB/GYN	2,354	5	221	149	10	45	72	194	3,050
Ophthalmology	1,096	2	109	16	1	8	21	128	1,381
Orthopedic Surgery	913	1	60	19	---	8	12	48	1,061
Otolaryngology	642	---	40	7	2	2	5	53	751
Pathology-Clinical	1,191	---	173	23	4	6	32	38	1,467
Pediatrics	6,092	9	617	189	28	93	149	521	7,698
Physical Medicine	547	---	75	22	4	6	7	59	720
Psychiatry	5,072	8	343	203	30	45	120	432	6,253
Public Health	1,038	---	78	64	---	5	20	97	1,302
Radiology	3,546	5	551	89	13	35	82	449	4,770
Surgery	5,226	9	402	137	25	57	89	427	6,372
Other Clinical	54	---	3	---	---	---	---	21	78
Subtotal Clinical	48,041	65	4,754	1,531	194	538	984	4,284	60,391
Vet Sciences	34	---	2	---	---	---	---	3	39
Allied Health	226	---	5	4	---	---	---	8	243
Dentistry	68	---	1	2	---	---	1	8	80
Social Sciences	---	1	7	---	---	---	4	94	
Administration	292	---	7	17	1	---	3	13	333
All Others	484	1	33	16	---	2	6	45	587
ALL DEPARTMENTS	59,925	76	6,029	1,748	234	613	1,240	5,279	75,144

NOTE: The data are reported voluntarily by the schools and thus reflect school-to-school differences in timeliness and consistency of reporting. The database contains records of approximately 85 percent of all active full-time U.S. medical school faculty. The 15 percent undercount should be taken into consideration when using the data.

SOURCE: AAMC Section for Operational Studies, Faculty Roster System

Update: 10/93

TABLE C4
DISTRIBUTION OF U.S. MEDICAL SCHOOL FACULTY BY SEX, RANK AND DEPARTMENT 1993

DEPARTMENT	PROFESSOR		ASSOCIATE PROFESSOR		ASSISTANT PROFESSOR		INSTRUCTOR		DEPARTMENT TOTAL		SEX/RANK UNKNOWN
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	
Anatomy	560	76	439	129	277	138	33	28	1,309	371	32
Biochemistry	866	85	415	107	388	173	58	31	1,727	396	49
Microbiology	554	86	364	101	305	137	33	40	1,256	364	73
Pathology-Basic	739	98	614	193	641	334	122	101	2,116	726	98
Pharmacology	616	67	314	69	278	103	49	16	1,257	255	67
Physiology	738	63	419	87	309	109	51	19	1,517	278	58
Other Basic Science	446	56	269	85	302	137	44	41	1,061	319	48
Subtotal Basic Science	4,519	531	2,834	771	2,500	1,131	390	276	10,243	2,709	425
Anesthesiology	459	34	550	151	1,317	505	363	195	2,689	885	106
Dermatology	128	15	88	27	120	64	32	18	368	124	7
Family Medicine	225	25	369	81	625	311	83	91	1,302	508	46
Internal Medicine	3,899	227	3,407	600	4,915	1,790	1,279	737	13,500	3,354	366
Neurology	518	36	450	96	626	223	147	76	1,741	431	61
OB/GYN	622	49	522	109	761	469	169	277	2,074	904	72
Ophthalmology	357	23	266	48	341	117	102	58	1,066	246	69
Orthopedic Surgery	266	4	195	18	373	55	99	27	933	104	24
Otolaryngology	201	12	133	28	220	61	43	40	597	141	13
Pathology-Clinical	420	55	321	77	333	168	41	32	1,115	332	20
Pediatrics	1,351	258	1,303	579	1,773	1,438	347	492	4,774	2,767	157
Physical Medicine	80	14	93	32	203	157	49	56	425	259	36
Psychiatry	1,114	118	1,031	278	1,684	939	500	482	4,329	1,817	107
Public Health	252	40	220	72	296	237	64	77	832	426	44
Radiology	1,063	84	942	186	1,397	491	324	148	3,726	909	135
Surgery	1,826	45	1,382	108	2,088	335	348	104	5,644	592	136
Other Clinical	16	2	16	4	19	6	2	1	53	13	12
Subtotal Clinical	12,797	1,041	11,288	2,494	17,091	7,366	3,992	2,911	45,168	13,812	1,411
Vet Sciences	8	0	8	0	10	6	2	2	28	8	3
Allied Health	20	10	32	35	32	65	13	27	97	137	9
Dentistry	16	0	24	0	24	4	8	2	72	6	2
Social Sciences	24	3	14	8	25	17	0	2	63	30	1
Administration	154	9	46	8	27	17	5	14	232	48	53
All Others	111	13	83	47	101	93	19	41	314	194	79
TOTAL FACULTY	17,649	1,607	14,329	3,363	19,810	8,699	4,429	3,275	56,217	16,944	1,983

NOTE: The data are reported voluntarily by the schools and thus reflect school-to-school differences in timeliness and consistency of reporting. The database contains records of approximately 85 percent of all active full-time U.S. medical school faculty. The 15 percent undercount should be taken into consideration when using the data.

Source: AAMC Section for Operational Studies, Faculty Roster System.

Update: 10/93

TABLE D1
SUMMARY OF FINANCIAL SUPPORT FOR U.S. MEDICAL SCHOOLS
(DOLLARS IN MILLIONS)

	1960-61		1961-62		1962-63		1963-64		1964-65		1965-66		1966-67		1967-68	
REVENUES	AMT	PCT	AMT	PCT	AMT	PCT	AMT	PCT	AMT	PCT	AMT	PCT	AMT	PCT	AMT	PCT
Total	436	100	515	100	603	100	696	100	779	100	882	100	1010	100	1175	100
Federal Gov't*	181	42	242	47	310	51	378	54	426	55	480	54	537	53	636	54
State/Local Gov't*	81	19	85	17	95	16	103	15	127	16	144	16	170	17	198	17
Non-Government*+	75	17	79	15	88	15	90	13	97	12	109	12	118	12	135	11
Med. Schl/Univ. Activities**	99	23	109	21	110	18	125	18	129	17	149	17	185	18	206	18

	1968-69		1969-70		1970-71		1971-72		1972-73		1973-74		1974-75		1975-76	
REVENUES	AMT	PCT	AMT	PCT	AMT	PCT	AMT	PCT	AMT	PCT	AMT	PCT	AMT	PCT	AMT	PCT
Total	1366	100	1549	100	1713	100	1945	100	2182	100	2524	100	3005	100	3389	100
Federal Gov't*	717	52	747	48	779	45	865	44	978	45	1034	41	1197	40	1249	37
State/Local Gov't*	242	18	312	20	388	23	453	23	538	25	684	27	826	27	958	28
Non-Government*+	168	12	196	13	210	12	240	12	269	12	338	13	375	12	412	12
Med. Schl/Univ. Activities**	239	17	294	19	336	20	387	20	397	18	468	19	607	20	770	23

	1976-77		1977-78		1978-79		1979-80		1980-81		1981-82		1982-83		1983-84	
REVENUES	AMT	PCT	AMT	PCT	AMT	PCT	AMT	PCT	AMT	PCT	AMT	PCT	AMT	PCT	AMT	PCT
Total	3943	100	4316	100	4907	100	5702	100	6480	100	7217	100	8178	100	9009	100
Federal Gov't*	1270	32	1293	30	1434	29	1660	29	2061	32	1919	27	2102	26	2239	25
State/Local Gov't*	1038	26	1145	27	1290	26	1456	26	1724	27	1760	24	1910	23	2051	23
Non-Government*+	403	10	471	11	519	11	578	10	639	10	712	10	793	10	892	10
Med. Schl/Univ. Activities**	1232	31	1407	33	1664	34	2008	35	2056	32	2826	39	3373	41	3827	42

	1984-85		1985-86		1986-87		1987-88		1988-89		1989-90		1990-91		1991-92	
REVENUES	AMT	PCT	AMT	PCT	AMT	PCT	AMT	PCT	AMT	PCT	AMT	PCT	AMT	PCT	AMT	PCT
Total	10078	100	11097	100	12589	100	14105	100	17119	100	18828	100	20992	100	23147	100
Federal Gov't*	2497	25	2789	25	3018	24	3399	24	3804	22	4347	23	4651	22	5162	22
State/Local Gov't*	2255	22	2420	22	2520	20	2676	19	2956	17	3203	17	3319	16	3279	14
Non-Government*+	985	10	1135	10	1284	10	1465	10	1702	10	1936	10	2229	11	2441	11
Med. Schl/Univ. Activities**	4341	43	4753	43	5767	46	6565	47	8657	51	9342	50	10793	51	12265	53

*Includes indirect costs recovered.

+Includes non government grants and contracts, endowment income and gifts.

**Includes revenue from practice plans, tuition and fees, parent university support, hospitals and clinics, and miscellaneous sources.

Note: Detail may not add due to rounding.

Source: LCME Questionnaire, Part I-A, Section for Operational Studies

Update: 8/93

TABLE D2

REVENUES
U.S. MEDICAL SCHOOLS
(DOLLARS IN MILLIONS)

	1986-87		1987-88		1988-89		1989-90		1990-91		1991-92	
Fully accredited schools	127		127		127		127		126		126	
Number of schools reporting	127		127		127		126		126		126	
GENERAL OPERATING REVENUES*	**AMT**	**PCT**	**AMT**	**PCT**	**AMT**	**PCT**	**AMT**	**PCT**	**AMT**	**PCT**	**AMT**	**PCT**
Federal Appropriations	89	0.7	95	0.7	91	0.5	102	0.5	103	0.5	105	0.5
State & Local Government	2081	16.5	2205	15.6	2430	14.2	2638	14.0	2715	12.9	2662	11.5
Appropriations	1953	15.5	2070	14.7	2292	13.4	2484	13.2	2566	12.2	2523	10.9
Subsidies	128	1.0	135	1.0	138	0.8	154	0.8	149	0.7	139	0.6
Recovery of Indirect Cost	826	6.6	928	6.6	1040	6.1	1273	6.8	1385	6.6	1516	6.5
Federal Government	743	5.9	833	5.9	917	5.4	1111	5.9	1195	5.7	1309	5.7
State & Local Government	15	0.1	17	0.1	125	0.1	25	0.1	33	0.2	32	0.1
Non-Government	68	0.5	78	0.6	98	0.6	137	0.7	157	0.7	175	0.8
Medical Service Plans	2633	20.9	3157	22.4	4692	27.4	5601	29.7	6592	31.4	7505	32.4
Tuition and Fees	669	5.3	722	5.1	767	4.5	816	4.3	876	4.2	955	4.1
Endowment+	178	1.4	198	1.4	310	1.8	349	1.9	393	1.9	401	1.7
Gifts+	87	0.7	106	0.8	369	2.2	381	2.0	444	2.1	509	2.2
Parent University Funds	221	1.8	227	1.6	212	1.2	166	0.9	189	0.9	208	0.9
Reimbursements from Hospitals	1788	14.2	1941	13.8	2225	13.0	1877	10.0	2256	10.7	2640	11.4
Miscellaneous Sources	429	3.4	492	3.5	761	4.4	882	4.7	880	4.2	957	4.1
Total General Operating Revenues*	9001	71.5	10071	71.4	12897	75.3	14085	74.8	15833	75.4	17457	75.4
GRANTS AND CONTRACTS	**AMT**	**PCT**	**AMT**	**PCT**	**AMT**	**PCT**	**AMT**	**PCT**	**AMT**	**PCT**	**AMT**	**PCT**
Research	2351	18.7	2718	19.3	2980	17.4	3191	16.9	3438	16.4	3705	16.0
Federal Government	1787	14.2	2069	14.7	2301	13.4	2445	13.0	2573	12.3	2787	12.0
State & Local Government	56	0.4	65	0.5	113	0.7	94	0.5	107	0.5	101	0.4
Non-Government	508	4.0	584	4.1	566	3.3	652	3.5	758	3.6	817	3.5
Teaching & Training Total	473	3.8	519	3.7	425	2.5	473	2.5	510	2.4	533	2.3
Federal Government	204	1.6	216	1.5	228	1.3	264	1.4	291	1.4	317	1.4
State & Local Government	61	0.5	57	0.4	74	0.4	71	0.4	74	0.4	67	0.3
Non-Government	208	1.7	246	1.7	123	0.7	138	0.7	145	0.7	149	0.6
Service & Multi-Purpose	597	4.7	645	4.6	638	3.7	638	3.4	670	3.2	763	3.3
Federal Government	96	0.8	103	0.7	128	0.7	130	0.7	142	0.7	181	0.8
State & Local Government	166	1.3	201	1.4	301	1.8	346	1.8	332	1.6	362	1.6
Non-Government	335	2.7	341	2.4	209	1.2	162	0.9	196	0.9	220	1.0
Res. & Teach/Trng Programs at Affil Institutions	166	1.3	153	1.1	179	1.0	442	2.3	541	2.6	688	3.0
Total Grants and Contracts	3587	28.5	4035	28.6	4222	24.7	4744	25.2	5159	24.6	5689	24.6
TOTAL REVENUES	12588	100	14106	100	17119	100	18829	100	20992	100	23147	100

* Detail may not add due to rounding.
\+ Includes unrestricted and restricted amounts.

Source: LCME Questionnaire Part 1-A, Section for Operational Studies

Update: 8/93

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TABLE D2

REVENUES
U.S. MEDICAL SCHOOLS
(DOLLARS IN MILLIONS)

	1960-61		1965-66		1970-71		1975-76		1980-81		1985-86	
Fully Accredited Schools	85		87		94		114		116		127	
Number of Schools Reporting	87+		87		102		111		123		127	
GENERAL OPERATING REVENUES*	**AMT**	**PCT**	**AMT**	**PCT**	**AMT**	**PCT**	**AMT**	**PCT**	**AMT**	**PCT**	**AMT**	**PCT**
Federal Appropriations**	---	---	---	---	---	---	---	---	57	0.9	81	0.7
State & Local Government	69	15.8	120	13.6	286	16.7	723	21.3	1351	20.8	2012	18.1
Appropriations	61	14.0	112	12.7	263	15.3	642	18.9	1252	19.3	1895	17.1
Subsidies	8	1.8	8	0.9	23	1.3	81	2.4	99	1.5	117	1.1
Recovery of Indirect Cost	19	4.3	59	6.7	101	5.9	224	6.6	445	6.9	748	6.7
Federal Government	17	3.9	54	6.1	89	5.2	205	6.0	409	6.3	675	6.1
State & Local Government	1	0.2	2	0.2	5	0.3	7	0.2	10	0.2	14	0.1
Non-Government	1	0.2	3	0.3	7	0.4	12	0.4	26	0.4	59	0.5
Medical Service Plans	13	3.0	25	2.8	115	6.7	410	12.1	1020	15.7	2347	21.2
Tuition and Fees	28	6.4	41	4.6	63	3.7	156	4.6	348	5.4	628	5.7
Endowment++	21	4.8	32	3.6	48	2.8	63	1.9	110	1.7	163	1.5
Gifts+	11	2.5	14	1.6	20	1.2	30	0.9	46	0.7	85	0.8
Parent University Funds	18	4.1	22	2.5	34	2.0	33	1.0	113	1.7	190	1.7
Reimbursements from Hospitals	---	---	31	3.5	58	3.4	---	---	404	6.2	1144	10.3
Miscellaneous Sources	40	9.2	30	3.4	67	3.9	171	5.0	172	2.7	411	3.7
Total General Operating Revenues*	219	50.1	374	42.4	792	46.2	1810	53.4	4066	62.7	7809	70.4
GRANTS AND CONTRACTS	**AMT**	**PCT**	**AMT**	**PCT**	**AMT**	**PCT**	**AMT**	**PCT**	**AMT**	**PCT**	**AMT**	**PCT**
Research	163	37.3	369	41.8	470	27.4	816	24.1	1340	20.7	2135	19.2
Federal Government	119	27.2	307	34.8	366	21.4	659	19.4	1098	16.9	1647	14.8
State & Local Government	7	1.6	12	1.4	16	0.9	16	0.5	21	0.3	52	0.5
Non-Government	37	8.5	50	5.7	88	5.1	141	4.2	221	3.4	436	3.9
Teaching & Training Total	49	11.2	121	13.7	223	13.0	373	11.0	397	6.1	460	4.1
Federal Government	43	9.8	111	12.6	194	11.3	291	8.6	277	4.3	208	1.9
State & Local Government	2	0.5	3	0.3	9	0.5	27	0.8	35	0.5	80	0.7
Non-Government	4	0.9	7	0.8	20	1.2	55	1.6	85	1.3	172	1.6
Service & Multi-Purpose	6	1.4	18	2.0	229	13.4	390	11.5	491	7.6	535	4.8
Federal Government	3	0.7	8	0.9	129	7.5	94	2.8	124	1.9	88	0.8
State & Local Government	2	0.5	7	0.8	73	4.3	185	5.5	265	4.1	202	1.8
Non-Government	1	0.2	3	0.3	27	1.6	111	3.3	102	1.6	245	2.2
Research & Teaching/Training Programs at Affiliate Institutions	---	---	---	---	---	---	---	---	188	2.9	155	1.4
Total Grants and Contracts	218	49.9	508	57.6	922	53.8	1579	46.6	2416	37.3	3285	29.6
TOTAL REVENUES	437	100	882	100	1714	100	3389	100	6482	100	11094	100

+ Includes one provisionally approved school.
++ Includes unrestricted and restricted endowment.

* Detail may not add due to rounding.
** Prior to 1976-77, this item was included in Misc. Sources.

SOURCE: LCME Questionnaire, Part I-A, Section for Operational Studies.

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TABLE D3
REVENUES FOR THE PROGRAMS OF U.S. MEDICAL SCHOOLS
(DOLLARS IN MILLIONS)

	1960-61	1965-66	1970-71	1975-76	1980-81	1985-86
Federal Research	133	350	438	823	1487	2292
Other Federal (non-service)*	43	118	322	398	529	467
State & Local Government (non-service)*	74	136	323	808	1503	2252
Tuition and fees	28	41	63	156	348	628
Medical Service	28	49	209	609	1729	3773
Other	130	188	358	595	885	1684
TOTAL	436	882	1713	3389	6481	11096

	1986-87	1987-88	1988-89	1989-90	1990-91	1991-92
Federal Research	2500	2873	3297	3776	4039	4472
Other Federal (non-service)*	482	488	431	496	544	589
State & Local Government (non-service)*	2335	2477	2662	2857	2957	2896
Tuition and fees	669	722	767	816	876	955
Medical Service	4737	5428	7033	7994	9406	10779
Other	1866	2118	2561	2889	3169	3455
TOTAL	12589	14106	16751	18828	20991	23146

*Includes indirect cost recoveries.

Source: LCME Questionnaire, Part I-A, Section for Operational Studies

Update: 8/93

TABLE E1
UNITED STATES MEDICAL SCHOOLS MEDIAN TUITION AND FEES
FIRST YEAR STUDENTS

School Year	Consumer Price Index*	PRIVATE SCHOOLS Actual	PRIVATE SCHOOLS Adjusted*	PUBLIC SCHOOLS Resident Actual	PUBLIC SCHOOLS Resident Adjusted*	PUBLIC SCHOOLS Nonresident Actual	PUBLIC SCHOOLS Nonresident Adjusted*
1960-61	29.6	1,050	1,050	498	498	830	830
1961-62	29.9	1,110	1,099	525	520	900	891
1962-63	30.2	1,210	1,186	525	515	900	882
1963-64	30.6	1,285	1,243	550	532	945	914
1964-65	31.0	1,400	1,337	558	533	975	931
1965-66	31.5	1,440	1,353	600	564	1,000	940
1966-67	32.4	1,510	1,380	600	548	1,090	999
1967-68	33.4	1,700	1,507	600	532	1,100	975
1968-69	34.8	1,800	1,531	600	510	1,155	982
1969-70	36.7	1,930	1,557	618	498	1,220	984
1970-71	38.8	2,000	1,526	683	521	1,300	992
1971-72	40.5	2,250	1,644	700	512	1,400	1,023
1972-73	41.8	2,400	1,700	767	543	1,565	1,108
1973-74	44.4	2,500	1,667	850	567	1,846	1,231
1974-75	49.3	2,900	1,741	909	546	2,000	1,201
1975-76	53.8	3,075	1,692	960	528	2,060	1,133
1976-77#	56.9	3,450	1,795	1,025	533	2,160	1,124
1977-78	60.6	4,150	2,027	1,200	586	2,343	1,144
1978-79+	65.2	5,994	2,721	1,473	669	3,400	1,544
1979-80+	72.6	6,725	2,742	1,750	713	3,761	1,533
1980-81+	82.4	7,910	2,841	2,079	747	4,118	1,479
1981-82+	90.9	9,337	3,040	2,458	800	5,108	1,663
1982-83+	96.5	10,813	3,317	3,250	997	6,383	1,958
1983-84+	99.6	12,104	3,597	3,652	1,085	7,350	2,184
1984-85+	103.9	13,015	3,708	3,959	1,128	8,240	2,347
1985-86+	107.6	14,344	3,946	4,161	1,145	8,930	2,457
1986-87+	109.6	15,023	4,057	4,574	1,235	9,636	2,602
1987-88+	113.6	15,770	4,109	5,134	1,338	11,390	2,968
1988-89+	118.3	16,864	4,220	5,575	1,395	11,713	2,931
1989-90+	124.0	17,794	4,248	5,810	1,387	13,020	3,108
1990-91+	130.7	18,930	4,287	6,115	1,385	13,839	3,134
1991-92+	136.2	19,790	4,301	6,875	1,494	15,643	3,400
1992-93+	140.3	20,597	4,345	7,544	1,593	16,739	3,531

#Tuition only

+Data obtained in the fall, after school year had begun. Figures for prior years were obtained prior to the start of the school year.

*Adjustment for the academic year was made using the cpi for the first calendar year of which the academic year is a part; although the cpi figures used had 1982-84 as a base year, the data were adjusted to constant 1960 dollars.

Sources: Medical School Admission Requirements, (revised annually)
Economic Indicators, (revised monthly)

Update: 5/93

TABLE E2
NATIONAL HEALTH SERVICE CORPS SCHOLARSHIP PROGRAM
NUMBER OF PHYSICIAN AWARDS BY YEAR

	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85
Applications										
Total Physicians	2,257	2,880	2,564	3,335	3,926	3,846	3,122	259	150	169
Allopathic	1,913	2,506	2,259	2,946	3,479	3,335	2,572	232	126	157
Osteopathic	344	374	305	389	447	511	550	27	24	12
New Awards										
Total Physicians	826	835	1,836	2,528	1,908	1,414	140	120	120	61
Allopathic	717	729	1,595	2,239	1,724	1,232	124	107	100	56
Osteopathic	109	106	241	289	184	182	16	13	20	5
Continuing Awards										
Total Physicians	1,678	1,740	1,461	1,851	3,467	3,680	3,457	1,960	697	92
Allopathic	1,492	1,511	1,257	1,622	3,043	3,253	3,039	1,720	601	86
Osteopathic	186	229	204	229	424	427	418	240	96	6
Total Physician Awards	2,504	2,575	3,297	4,379	5,375	5,094	3,597	2,080	817	153

	1985-86	1986-87	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93
Applications								
Total Physicians	208	182	137	109	400	978	1,577	2,126
Allopathic	--	--	--	--	275	743	1,184	1,697
Osteopathic	--	--	--	--	125	235	393	429
New Awards								
Total Physicians	34	33	43	36	41	71	287	244
Allopathic	217	25	34	29	27	61	210	179
Osteopathic	7	8	9	7	14	10	77	65
Continuing Awards								
Total Physicians	12	7	7	2	6	1	1	2
Allopathic	12	7	3	2	6	1	1	2
Osteopathic	--	--	--	--	--	0	0	0
Total Physician Awards	46	40	50	38	47	72	288	246

Note: Beginning in 1982-83, all qualified applicants were required to be prior recipients of Scholarships for First-Year Students of Exceptional Financial Need.

Source: National Health Service Corps Scholarship Program, Bureau of Health Care Delivery and Assistance.

Update: 9/93

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TABLE E3
SOURCES OF LOAN AND SCHOLARSHIP FUNDS

	1990-91			1991-92		
	Amount (Millions of Dollars)	Number	Average Amount (Dollars)	Amount (Millions of Dollars)	Number	Average Amount (Dollars)
Not administered by schools						
Scholarships						
Armed Forces Health Professions Scholarships	55.9	2,753	20,281	55.7	2,880	19,336
National Health Service Corps.	1.3	64	20,769	4.6	238	19,148
Other (with service commitment)	1.8	177	10,226	2.2	203	10,631
State Funded+	8.4	1,152	7,314	7.3	875	8,331
Subtotal	67.4	---	---	69.8	---	---
Loans						
Supplemental Loans to Students	71.1	19,379	3,667	86.0	23,503	3,659
Stafford Student Loans (formerly GSL)	305.0	41,848	7,290	319.4	43,489	7,344
Health education assistance loans	104.0	9,763	10,652	113.4	10,632	10,669
MedLoans/ALP+	35.6	4,252	8,385	55.2	6,138	8,991
Other loan	10.0	2,994	3,342	15.0	4,251	3,529
Subtotal	525.7	---	---	589.0	---	---
College work-study	3.1	2,018	1,536	3.1	1,903	1,610
TOTAL	596.2	---	---	661.9	---	---
Administered by schools						
Scholarships						
Medical Scientist Training Program	16.1	773	20,792	11.5	559	19,137
Exceptional financial need	2.9	618	4,734	4.9	854	5,782
School funds	76.4	20,288	3,768	93.0	24,285	3,828
Financial Aid for Disadvantaged Health Professions Students (FADHPS)	3.6	1,591	2,265	4.1	1,590	2,610
Other scholarships	20.1	7,498	2,760	29.7	9,259	3,203
Subtotal	119.1	---	---	143.2	---	---
Loans						
Health professions loans	31.2	8,169	3,824	35.5	8,641	4,109
Stafford Student Loans (formerly GSL)	13.6	1,902	7,133	16.2	2,277	7,106
Perkins Loans (formerly NDSL)	30.9	12,202	2,528	32.4	12,660	2,562
School funds	35.5	11,403	3,113	41.2	11,328	3,638
Subtotal	111.2	---	---	125.3	---	---
TOTAL	230.3	---	---	268.5	---	---
GRAND TOTAL	826.5	---	---	930.4	---	---

\+ Newly reported data beginning 1989.

Source: AAMC Section for Educational Research

Update: 10/93

TABLE E3
SOURCES OF LOAN AND SCHOLARSHIP FUNDS

	1984-85			1989-90		
	Amount (Millions of Dollars)	Number	Average Amount (Dollars)	Amount (Millions of Dollars)	Number	Average Amount (Dollars)
Not administered by schools						
Scholarships						
Armed Forces Health Professions Scholarships	52.2	3,080	16,966	59.1	2,957	20,000
National Health Service Corps.	4.0	246	16,130	1.4	67	20,392
National Medical Fellowships	856.2	697	1,228	---	---	---
Other (with service commitment)	9.1	1,542	5,917	1.5	135	10,981
State Funded+	---	---	---	7.8	980	7,950
Subtotal	66.2	---	---	69.8	---	---
Loans						
ALAS/PLUS**	27.2	9,491	2,866	---	---	---
Supplemental Loans to Students	---	---	---	61.2	17,171	3,565
Stafford Student Loans (formerly GSL)	186.6	39,329	4,745	294.6	40,874	7,207
Health education assistance loans	91.7	10,764	8,519	101.9	10,854	9,384
MedLoans/ALP+	---	---	---	16.8	2,185	7,719
Other loan	6.8	2,811	2,420	8.5	2,425	3,485
Subtotal	312.3	---	---	483.0	---	---
College work-study	2.7	1,968	1,366	4.0	2,410	1,645
TOTAL	**381.2**	---	---	**556.8**	---	---
Administered by schools						
Scholarships						
Medical Scientist Training Program	8.6	586	14,701	14.7	704	20,895
Exceptional financial need	2.4	147	16,125	3.2	547	5,771
School funds	35.0	13,583	2,576	70.0	20,083	3,464
Financial Aid for Disadvantaged Health Professions Students (FADHPS)	---	---	---	3.6	1,523	2,351
Other scholarships	11.1	6,849	1,616	20.0	7,216	2,772
Subtotal	57.0	---	---	111.5	---	---
Loans						
Health professions loans	19.0	7,647	2,482	32.4	8,112	3,988
Stafford Student Loans (formerly GSL)	3.2	670	4,816	13.4	1,911	7,023
Perkins Loans (formerly NDSL)	18.5	9,259	2,000	31.5	13,161	2,392
School funds	26.8	9,757	2,745	35.5	11,128	3,186
Subtotal	67.5	---	---	112.8	---	---
TOTAL	**124.5**	---	---	**224.3**	---	---
GRAND TOTAL	**505.8**	---	---	**781.1**	---	---

** Auxiliary loans to assist students or Parental loans to undergraduate students.

\+ Newly reported data beginning 1989.

Source: AAMC Section for Educational Research

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TABLE E4
EDUCATIONAL INDEBTEDNESS OF MEDICAL SCHOOL GRADUATES

Year	Type of Medical School	Number of Respondents	Median Educational Debt of Indebted Graduates	Mean Educational Debt of Indebted Graduates	Level of Debt				
					Percent with No Debt	Percent with Debt up to $24,999	Percent with Debt Between $25,000 & $49,999	Percent with Debt Between $50,000 & $74,999	Percent with Debt > $75,000
1981	Public	6,368	$ 16,500	$ 17,776	24.3	58.0	17.0	0.6	0.0
	Private	4,427	21,000	22,310	21.1	46.5	29.6	2.7	0.1
	Total	**10,795**	**18,000**	**19,967**	**23.0**	**53.3**	**22.2**	**1.5**	**0.0**
1982	Public	6,663	18,000	18,994	17.7	60.5	20.6	1.0	0.1
	Private	4,275	20,500	24,156	16.0	47.6	30.8	5.0	0.6
	Total	**10,938**	**20,000**	**21,028**	**17.1**	**55.5**	**24.6**	**2.6**	**0.3**
1983	Public	6,432	20,000	21,098	14.7	56.6	26.8	1.6	0.3
	Private	4,049	25,000	27,642	12.3	42.8	35.8	7.8	1.3
	Total	**10,481**	**20,000**	**23,647**	**13.8**	**51.3**	**30.3**	**4.0**	**0.7**
1984	Public	6,407	22,000	23,798	12.8	48.9	34.9	2.9	0.5
	Private	4,140	26,700	30,695	10.4	39.4	34.5	12.5	3.2
	Total	**10,547**	**24,000**	**26,496**	**11.9**	**45.3**	**34.7**	**6.6**	**1.5**
1985	Public	6,719	25,000	25,718	14.0	41.7	38.6	5.0	0.7
	Private	4,329	32,000	36,417	12.4	31.4	32.3	16.4	7.5
	Total	**11,048**	**26,000**	**29,943**	**13.4**	**37.7**	**36.2**	**9.5**	**3.3**
1986	Public	6,518	25,000	27,728	19.0	35.3	37.7	7.1	0.9
	Private	4,221	38,225	42,227	16.3	24.3	28.9	19.0	11.4
	Total	**10,739**	**30,000**	**33,499**	**17.9**	**31.0**	**34.3**	**11.8**	**5.0**
1987	Public	6,851	27,500	29,325	18.2	32.8	37.9	9.8	1.2
	Private	4,456	40,000	45,267	17.1	23.7	24.8	18.5	15.9
	Total	**11,307**	**30,000**	**35,621**	**17.8**	**29.2**	**32.8**	**13.2**	**7.0**
1988	Public	5,966	30,000	31,370	17.5	30.1	38.6	11.5	2.3
	Private	4,413	45,000	48,068	16.1	21.7	23.6	20.4	18.2
	Total	**10,379**	**33,500**	**38,489**	**16.9**	**26.6**	**32.2**	**15.3**	**9.0**
1989	Public	6,495	33,000	34,568	19.0	25.2	36.9	15.9	2.9
	Private	4,680	50,000	53,226	18.2	18.9	20.4	20.2	22.3
	Total	**11,175**	**38,500**	**42,374**	**18.7**	**22.6**	**30.1**	**17.7**	**11.0**
1990	Public	6,822	37,000	38,167	21.4	20.5	35.5	18.1	4.5
	Private	4,795	54,812	57,836	20.9	15.0	19.6	19.7	24.7
	Total	**11,617**	**40,000**	**46,224**	**21.2**	**18.3**	**29.0**	**18.8**	**12.7**
1992	Public	7,319	45,000	47,088	19.2	14.3	30.7	24.9	10.8
	Private	4,777	68,000	69,479	19.8	11.2	16.0	16.6	36.3
	Total	**12,096**	**50,000**	**55,859**	**19.5**	**13.1**	**24.9**	**21.6**	**20.9**
1993	Public	7,271	50,000	49,948	17.6	13.3	27.6	27.9	13.5
	Private	4,860	75,000	79,095	18.1	10.2	14.7	15.6	40.7
	Total	**12,131**	**55,000**	**59,885**	**18.1**	**12.0**	**22.5**	**23.0**	**24.4**

Note: Data for 1991 not available.

Source: Medical School Graduation Questionnaire, AAMC Section for Educational Research

Update: 10/93

NOTE CONCERNING GRADUATE MEDICAL EDUCATION DATA
F. Graduate Medical Education

Data on graduate medical education are complex, because there are three distinct ways of counting years as the process takes place, and because there are at least three distinct sources of data.

Postgraduate year (PGY-1, PGY2, ...) enumerates the years after award of the MD degree. This is useful for cohort studies, when one wants to learn what happened to a particular graduating class. While this is very useful for graduates of U. S. schools, it is less so for graduates of foreign medical schools, called *foreign medical graduates* or *FMG's* in this work.

Graduate year (GY-1, GY-2, ...) counts only the years of graduate medical education, ignoring years in which the individual takes a year off or practices medicine. For example, if a student takes a year off immediately after graduation, the first year of residency would be GY-1, but PGY-2.

Residency year (R-1, R-2, ...) counts the years of training in a particular specialty. For example, a physician who takes a year of training in Surgery before switching to Family Medicine would begin Family Medicine training in PGY-2, but R-1 in Family Practice.

There are at three primary sources of data on graduate medical education.

Source 1: The National Resident Matching Program (NRMP), conducted under contract by AAMC, develops data as a by-product of its operations. While the data are very complete and accurate for those who participate in the NRMP, they do not include all residency programs or all students.

Source 2: The AAMC tracks graduates of United States medical schools in its Follow-up Survey, which obtains data on graduating seniors from U.S. medical schools, and in its Graduate Medical Education Tracking Census (GMETC), which obtains data from directors of medical education and program directors in teaching hospitals. The GMETC is conducted annually by the AAMC Section for Student Services, with materials distributed in early Fall and due back at AAMC in October. Because the deadline is followed by extensive follow-up efforts, the data for a new residency year are not complete until the Spring of that year.

Source 3: The American Medical Association collects data on residents in it Census of Graduate Medical Training, which is conducted in conjunction with the collection of data for the AMA-FREIDA data base on residencies. The results of this survey are published in the education issue of the Journal of the American Medical Association. In recent experience the published AMA data appear to be less complete than the AAMC data, but they are available over a longer time period. AMA also publishes data on residency *positions*, which are not available from the AAMC survey. It should be noted that the concept of a residency position is not very well defined, except in the surgical specialties, where accreditation is for a specific number of residency slots.

Users of the data should carefully note the indicated source for each table. Questions regarding the AAMC data should be directed to Charles Killian, Director of SAIMS, at (202) 828-0645.

TABLE F1
PGY-1 RESIDENCIES AND OTHER ACTIVITIES OF U.S. MEDICAL SCHOOL GRADUATES

RESIDENCY	1991 MEN	1991 WOMEN	1991 TOTAL	1992 MEN	1992 WOMEN	1992 TOTAL	1993 MEN	1993 WOMEN	1993 TOTAL
MEDICAL SPECIALTIES									
Anesthesiology	212	65	277	215	60	275	173	57	230
Anesthesiology-preliminary	---	---	---	3	1	4	2	1	3
Dermatology	10	4	14	6	7	13	9	7	16
Emergency Medicine	292	110	402	334	123	457	392	146	538
Emergency Medicine and Internal Medicine	6	2	8	9	2	11	7	4	11
Emergency Medicine-Pediatrics	1	2	3	1	1	2	1	2	3
Family Practice	960	653	1,613	990	660	1,650	1,096	832	1,928
Internal Medicine	1,981	1,044	3,025	1,956	1,044	3,000	1,783	1,035	2,818
Internal Medicine - preliminary	1,045	553	1,598	1,007	512	1,519	969	548	1,517
Internal Medicine & Pediatrics	95	73	168	85	85	170	122	83	205
Internal Medicine-Ped-preliminary	---	---	---	1	2	3	0	0	0
Internal Medicine & Physical Medicine and Rehabilitation	4	4	8	5	3	8	7	0	7
Internal Medicine - primary care	131	92	223	118	128	246	120	118	238
Internal Medicine & Psychiatry	3	0	3	0	4	4	3	2	5
Internal Medicine-Transfusion Med	---	---	---	0	1	1	0	0	0
Neurological Surgery	49	7	56	49	5	54	53	6	59
Neurology	25	10	35	16	8	24	18	10	28
Nuclear Medicine	4	1	5	3	1	4	2	0	2
Obstetrics and Gynecology	462	590	1,052	449	604	1,053	418	674	1,092
OBG-Preliminary	---	---	---	1	7	8	3	7	10
Ophthalmology	18	3	21	8	2	10	6	2	8
Orthopedic Surgery	401	33	434	424	39	463	432	34	466
Otolaryngology	64	14	78	57	15	72	66	15	81
Pathology (Unspecified)	173	133	306	166	122	288	201	118	319
Pathology, Anatomic	4	1	5	1	2	3	0	0	0
Pathology, Anatomic & Clinical	2	1	3	2	2	4	0	1	1
Pathology, Clinical	3	1	4	2	0	2	5	1	6
Pediatrics	536	935	1,471	498	915	1,413	517	946	1,463
Pediatrics-Neonatal & Perinatal	0	1	1	---	---	---	---	---	---
Pediatrics-Sports & Fitness Med	1	0	1	---	---	---	---	---	---
Pediatrics-Preliminary	---	---	---	6	4	10	5	3	8
Pediatrics-Physical Med/Rehab	---	---	---	1	6	7	1	4	5
Pediatrics - primary	6	15	21	2	12	14	10	12	22
Pediatrics, Psychiatry and Child Psychiatry	6	2	8	5	6	11	3	8	11
Physical Med and Rehabilitation	49	23	72	42	31	73	47	26	73
Physical Med and Rehab-Preliminary	---	---	---	2	0	2	0	0	0
Plastic Surgery	6	2	8	6	4	10	19	3	22
Preventive Medicine (general)	3	1	4	1	3	4	1	0	1
Preventive Medicine (Occupational)	---	---	---	1	0	1	0	0	0
Psychiatry	368	347	715	308	276	584	285	266	551
Psychiatry and Neurology	0	0	0	0	0	0	1	1	2
Psychiatry-Preliminary	---	---	---	3	2	5	0	1	1
Psychiatry - Child & Adolescent	4	3	7	1	3	4	1	5	6
Radiology	7	3	10	5	4	9	5	1	6
Radiology-Preliminary	---	---	---	1	0	1	0	0	0
Radiology - Diagnostic	237	71	308	244	77	321	261	89	350
Radiology - Oncology (Ther)	5	3	8	4	2	6	6	1	7
Surgery	992	241	1,233	984	230	1,214	832	259	1,091
Surgery - Preliminary	675	107	782	726	124	850	688	140	828
Surgery - Oral	11	2	13	16	0	16	22	2	24
Thoracic Surgery	---	---	---	---	---	---	1	0	1
Urology	93	13	106	96	7	103	94	15	109
Transitional	825	303	1,128	835	278	1,113	814	327	1,141
SUBTOTAL	**9,769**	**5,468**	**15,237**	**9,695**	**5,424**	**15,119**	**9,501**	**5,812**	**15,313**
OTHER ACTIVITIES									
Research	61	27	88	48	17	65	38	18	56
Not in GME but in Medicine	4	4	8	0	0	0	6	8	14
Administrative or Faculty Position	1	0	1	---	0	0	0	0	0
Year off	28	40	68	23	28	51	23	49	72
Unknown	36	27	63	38	48	86	38	21	59
Deceased	0	0	0	0	0	0	0	0	0
Non-medical activity	12	12	24	14	10	24	8	4	12
TOTAL	**9,911**	**5,578**	**15,489**	**9,818**	**5,527**	**15,345**	**9,614**	**5,912**	**15,526**

SOURCE: AAMC Graduate Medical Education Follow-up Survey

Update: 1/94

TABLE F2
NUMBER OF FIRST GRADUATE YEAR RESIDENTS
BY SPECIALTY

RESIDENCY	1990			1991			1992		
MEDICAL SPECIALTIES	FMG	OTHER	TOTAL	FMG	OTHER	TOTAL	FMG	OTHER	TOTAL
Anesthesiology	110	488	598	93	427	520	99	398	497
Anesthesiology-preliminary	0	0	0	0	0	0	24	8	32
Dermatology	5	33	38	7	13	20	7	13	20
Emergency Medicine	20	410	430	16	462	478	11	513	524
Emergency Medicine and Internal Med	0	5	5	0	9	9	1	11	12
Emergency Medicine-Pediatrics	0	1	1	0	2	2	0	3	3
Family Practice	347	2,061	2,408	418	1,943	2,361	493	1,964	2,457
Internal Medicine (General)	2,269	3,814	6,083	2,318	3,504	5,822	2,793	3,337	6,130
Internal Medicine - preliminary	67	1,520	1,587	105	1,561	1,666	160	1,571	1,731
Internal Med-Clin Investigator Path	---	---	---	---	---	---	0	1	1
Internal Medicine & Pediatrics	29	158	187	36	172	208	35	177	212
Internal Medicine-Ped-preliminary	0	0	0	0	0	0	5	4	9
Internal Medicine & Physical Med. and Rehabilitation	4	11	15	0	10	10	0	10	10
Internal Medicine - primary care	83	232	315	93	237	330	109	257	366
Internal Medicine & Psychiatry	1	4	5	1	6	7	2	10	12
Neurology	59	67	126	45	64	109	56	48	104
Neurology, Child	5	2	7	3	1	4	4	1	5
Neurological Surgery	20	49	69	11	48	59	22	45	67
Nuclear Medicine	11	11	22	10	7	17	2	8	10
Obstetrics and Gynecology	85	1,117	1,202	42	1,101	1,143	54	1,112	1,166
OBG-Preliminary	0	0	0	0	0	0	2	10	12
Ophthalmology	18	53	71	25	40	65	29	32	61
Orthopedic Surgery	8	312	320	8	328	336	8	328	336
Otolaryngology	5	62	67	1	70	71	4	62	66
Pathology (Unspecified)	132	337	469	138	314	452	143	284	427
Pathology, Anatomic	17	20	37	14	15	29	25	16	41
Pathology, Anatomic & Clinical	38	40	78	38	44	82	56	42	98
Pathology, Clinical	5	3	8	0	5	5	7	9	16
Pediatrics	750	1,570	2,320	739	1,592	2,331	788	1,511	2,299
Pediatrics-Preliminary	0	0	0	0	0	0	31	9	40
Pediatrics - primary	28	22	50	26	26	52	0	7	7
Pediatrics/Psychiatry/Child Psychiatry	0	4	4	0	13	13	13	15	28
Physical Med and Rehabilitation	8	115	123	9	112	121	1	9	10
Physical Med and Rehad-Preliminary	0	0	0	0	0	0	8	95	103
Plastic Surgery	9	18	27	7	19	26	2	2	4
Preventive Medicine (general)	6	14	20	4	11	15	10	17	27
Preventive Medicine-Aerospace	1	2	3	3	9	12	3	12	15
Preventive Medicine (Occupational)	3	13	16	2	6	8	4	10	14
Preventive Medicine-Public Health	0	6	6	0	3	3	3	2	5
Preventive Medicine-Public and General	0	1	1	1	5	6	0	1	1
Psychiatry	341	969	1,310	308	882	1,190	413	747	1,160
Psychiatry-Preliminary	0	0	0	0	0	0	11	12	23
Psychiatry - Child & Adolescent	16	20	36	8	9	17	15	6	21
Radiology	21	38	59	8	28	36	20	22	42
Radiology-Preliminary	0	0	0	0	0	0	0	3	3
Radiology - Diagnostic	23	322	345	27	340	367	36	337	373
Radiology - Oncology (Ther)	5	21	26	6	19	25	8	15	23
Surgery (General)	166	1,533	1,699	175	1,474	1,649	180	1,426	1,606
Surgery - Preliminary	90	758	848	94	810	904	133	901	1,034
Surgery - Oral	19	95	114	4	69	73	6	63	69
Urology	15	80	95	11	82	93	9	82	91
Transitional	224	1,223	1,447	219	1,193	1,412	264	1,218	1,482
TOTAL	5,063	17,634	22,697	5,073	17,085	22,158	6,109	16,796	22,905

SOURCE: Association of American Medical Colleges Graduate Medical Education Tracking Census

Update: 1/94

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TABLE F3
POSITIONS OFFERED AND MATCHED BY SPECIALTY AND TYPE OF APPLICANTS IN THE NRMP IN 1993

	PGY1 Positions Offered		U.S. Senior Students			Other Applicants*			Foreign Graduates+			Total Applicants		
				Percent			Percent			Percent			Percent	
	No.	PCT	No.	Distri-buted	Pos. Offered	No.	Distri-buted	Pos. Offered	No.	Distri-buted	Pos. Offered	No.	Distri-buted	Pos. Offered
Family Practice	2,589	12.6	1,636	12.6	63.2	137	13.9	5.3	229	7.9	8.8	2,002	11.8	77.3
Internal Medicine	7,409	36.0	4,228	32.5	57.1	242	24.5	3.3	1,670	57.8	22.5	6,140	36.3	82.9
Pediatrics	2,046	9.9	1,361	10.5	66.5	62	6.3	3.0	354	12.2	17.3	1,777	10.5	86.9
Obstetrics/Gynecology	1,139	5.5	982	7.5	86.2	92	9.3	8.1	46	1.6	4.0	1,120	6.6	98.3
Psychiatry	1,056	5.1	477	3.7	45.2	48	4.9	4.5	155	5.4	14.7	680	4.0	64.4
Medical Specialties	54	0.3	33	0.3	61.1	1	0.1	1.9	5	0.2	9.3	39	0.2	72.2
Dermatology	15	0.1	14	0.1	93.3	1	0.1	6.7	0	0.0	0.0	15	0.1	100.0
Neurology	39	0.2	19	0.1	48.7	0	0.0	0.0	5	0.2	12.8	24	0.1	61.5
General Surgery	2,203	10.7	1,399	10.7	63.5	120	12.2	5.4	172	6.0	7.8	1,691	10.0	76.8
Surgical Specialties	713	3.5	613	4.7	86.0	58	5.9	8.1	9	0.3	1.3	680	4.0	95.4
Neurosurgery	34	0.2	27	0.2	79.4	1	0.1	2.9	0	0.0	0.0	28	0.2	82.4
Ophthalmology	5	0.0	5	0.0	100.0	0	0.0	0.0	0	0.0	0.0	5	0.0	100.0
Orthopedic Surgery	515	2.5	453	3.5	88.0	52	5.3	10.1	7	0.2	1.4	512	3.0	99.4
Otolaryngology	51	0.2	45	0.3	88.2	2	0.2	3.9	0	0.0	0.0	47	0.3	92.2
Urology	83	0.4	61	0.5	73.5	3	0.3	3.6	2	0.1	2.4	66	0.4	79.5
Plastic Surgery	25	0.1	22	0.2	88.0	0	0.0	0.0	0	0.0	0.0	22	0.1	88.0
Support Specialties	2,061	10.0	1,422	10.9	69.0	194	19.7	9.4	125	4.3	6.1	1,741	10.3	84.5
Anesthesiology	325	1.6	199	1.5	61.2	5	0.5	1.5	31	1.1	9.5	235	1.4	72.3
Emergency Medicine	677	3.3	529	4.1	78.1	108	11.0	16.0	21	0.7	3.1	658	3.9	97.2
Pathology	517	2.5	278	2.1	53.8	15	1.5	2.9	56	1.9	10.8	349	2.1	67.5
Physical Medicine	102	0.5	66	0.5	64.7	6	0.6	5.9	4	0.1	3.9	76	0.4	74.5
Preventive Medicine	6	0.0	1	0.0	16.7	0	0.0	0.0	2	0.1	33.3	3	0.0	50.0
Diagnostic Radiology	417	2.0	341	2.6	81.8	57	5.8	13.7	10	0.3	2.4	408	2.4	97.8
Radiation Oncology	10	0.0	5	0.0	50.0	2	0.2	20.0	1	0.0	10.0	8	0.0	80.0
Nuclear Medicine	7	0.0	3	0.0	42.9	1	0.1	14.3	0	0.0	0.0	4	0.0	57.1
Transitional	1,328	6.4	869	6.7	65.4	32	3.2	2.4	125	4.3	9.4	1,026	6.1	77.3
Total	20,598	100	13,020	100	63.2	986	100	4.8	2,890	100	14.0	16,896	100	82.0

* Other Applicants include former graduates of U.S. medical schools, 5th Pathway, Osteopathic students and physicians and canadian students.

\+ Foreign Graduates include U.S. citizens and non-U.S. citizens who have graduated from a foreign medical school.

SOURCE: National Resident Matching Program

Update: 5/93

TABLE F4
DISTRIBUTION OF FIRST-YEAR (PGY-1) POSITIONS FILLED BY SPECIALTY THROUGH THE NRMP

SPECIALTIES	1988		1989		1990		1991		1992		1993	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Family Practice	1,767	11.0	1,745	10.9	1,685	10.6	1,604	10.2	1,678	10.3	2,002	11.8
Internal Medicine	6,060	37.6	6,000	37.5	5,906	37.1	5,741	36.6	6,071	37.3	6,140	36.3
Pediatrics	1,659	10.3	1,654	10.3	1,669	10.5	1,614	10.3	1,695	10.4	1,777	10.5
Obstetrics/gynecology	981	6.1	1,007	6.3	1,044	6.6	1,050	6.7	1,071	6.6	1,120	6.6
Psychiatry	932	5.8	897	5.6	863	5.4	786	5.0	695	4.3	680	4.0
Medical Specialties	39	0.2	38	0.2	43	0.3	41	0.3	34	0.2	39	0.2
Dermatology	7	0.0	9	0.1	15	0.1	13	0.1	14	0.1	15	0.1
Neurology	32	0.2	29	0.2	28	0.2	28	0.2	20	0.1	24	0.1
General Surgery	1,835	11.4	1,724	10.8	1,708	10.7	1,736	11.1	1,782	11.0	1,691	10.0
Surgical Specialties	598	3.7	614	3.8	615	3.9	619	4.0	659	4.1	680	4.0
Neurosurgery	24	0.1	27	0.2	28	0.2	22	0.1	25	0.2	28	0.2
Ophthalmology	19	0.1	15	0.1	10	0.1	13	0.1	3	0.0	5	0.0
Orthopedics	438	2.7	457	2.9	453	2.8	458	2.9	502	3.1	512	3.0
Otolaryngology	43	0.3	42	0.3	47	0.3	51	0.3	43	0.3	47	0.3
Urology	68	0.4	65	0.4	69	0.4	66	0.4	72	0.4	66	0.4
Plastic Surgery	6	0.0	8	0.0	8	0.1	9	0.1	14	0.1	22	0.1
Support Specialties	1,202	7.5	1,313	8.2	1,395	8.8	1,491	9.5	1,607	9.9	1,741	10.3
Anesthesiology	235	1.5	214	1.3	264	1.7	266	1.7	273	1.7	235	1.4
Emergency Medicine	323	2.0	355	2.2	410	2.6	450	2.9	534	3.3	658	3.9
Pathology	252	1.6	305	1.9	292	1.8	319	2.0	319	2.0	349	2.1
Physical Medicine	76	0.5	86	0.5	78	0.5	71	0.5	77	0.5	76	0.4
Preventive Medicine	5	0.0	2	0.0	6	0.0	3	0.0	6	0.0	3	0.0
Diagnostic Radiology	303	1.9	341	2.1	336	2.1	374	2.4	390	2.4	408	2.4
Radiation Oncology	7	0.0	9	0.1	5	0.0	3	0.0	5	0.0	8	0.0
Nuclear Medicine	1	0.0	1	0.0	4	0.0	5	0.0	3	0.0	4	0.0
Transitional	1,046	6.5	1,021	6.4	984	6.2	985	6.3	971	6.0	1,026	6.1
Total	16,119	100.0	16,013	100.0	15,912	100.0	15,667	100.0	16,263	100.0	16,986	100.0

Note: Detail may not add due to rounding.

Source: National Resident Matching Program, (NRMP)

Update: 5/93

TABLE F4
DISTRIBUTION OF FIRST-YEAR (PGY-1) POSITIONS FILLED BY SPECIALTY THROUGH THE NRMP

SPECIALTIES	1982		1983		1984		1985		1986		1987	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Family Practice	1,940	13.0	1,896	12.5	2,011	12.5	1,898	11.6	1,960	12.1	1,979	12.4
Internal Medicine	5,248	35.1	5,415	35.6	5,767	35.8	6,096	37.4	5,985	37.1	5,827	36.4
Pediatrics	1,475	9.9	1,519	10.0	1,683	10.4	1,690	10.4	1,723	10.7	1,730	10.8
Obstetrics/gynecology	962	6.4	963	6.3	979	6.1	969	5.9	974	6.0	927	5.8
Psychiatry	603	4.0	609	4.0	661	4.1	739	4.5	782	4.8	825	5.2
Medical Specialties	41	0.3	44	0.3	41	0.3	42	0.3	34	0.2	43	0.3
Dermatology	6	0.0	6	0.0	5	0.0	5	0.0	5	0.0	6	0.0
Neurology	35	0.2	38	0.2	36	0.2	37	0.2	29	0.2	37	0.2
General Surgery	2,045	13.7	2,011	13.2	2,095	13.0	2,053	12.6	1,994	12.4	1,896	11.8
Surgical Specialties	532	3.6	548	3.6	534	3.3	534	3.3	512	3.2	537	3.4
Neurosurgery	38	0.3	42	0.3	27	0.2	31	0.2	29	0.2	28	0.2
Opthalmology	14	0.1	20	0.1	23	0.1	25	0.2	18	0.1	16	0.1
Orthopedics	302	2.0	314	2.1	325	2.0	325	2.0	342	2.1	376	2.3
Otolaryngology	90	0.6	80	0.5	45	0.3	40	0.2	40	0.2	39	0.2
Urology	84	0.6	90	0.6	109	0.7	107	0.7	77	0.5	71	0.4
Plastic Surgery	4	0.0	2	0.0	5	0.0	6	0.0	6	0.0	7	0.0
Support Specialties	994	6.6	1,234	8.1	1,280	7.9	1,199	7.4	1,150	7.1	1,163	7.3
Anesthesiology	383	2.6	362	2.4	386	2.4	349	2.1	280	1.7	262	1.6
Emergency Medicine	0	0.0	189	1.2	205	1.3	232	1.4	266	1.6	298	1.9
Pathology	278	1.9	326	2.1	329	2.0	281	1.7	276	1.7	276	1.7
Physical Medicine	41	0.3	64	0.4	74	0.5	73	0.4	68	0.4	72	0.4
Preventive Medicine	0	0.0	0	0.0	0	0.0	3	0.0	5	0.0	4	0.0
Diagnostic Radiology	271	1.8	271	1.8	271	1.7	236	1.4	241	1.5	239	1.5
Radiation Oncology	21	0.1	22	0.1	14	0.1	25	0.2	14	0.1	12	0.1
Nuclear Medicine	0	0.0	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0
Transitional	1,109	7.4	979	6.4	1,061	6.6%	1,086	6.7	1,022	6.3	1,086	6.8
Total	14,949	100.0	15,218	100.0	16,112	100.0	16,306	100.0	16,136	100.0	16,013	100.0

Note: Detail may not add due to rounding.

Source: National Resident Matching Program, (NRMP)

TABLE F5
APPLICANTS IN THE NATIONAL RESIDENCY MATCHING PROGRAM

	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
U.S. Senior Students	15,553	16,130	16,179	15,981	15,729	15,776	15,438	15,254	15,268	15,202	15,386
Applicants	13,969	14,741	14,849	14,737	14,466	14,499	14,117	13,908	13,943	14,030	14,094
Matched PGY-1	12,874	13,588	13,753	13,756	13,596	13,496	13,215	12,976	12,985	12,957	13,020
Percent Matched PGY-1	92.2	92.2	92.6	93.3	94.0	93.1	93.6	93.3	93.1	92.4	92.4
Canadian Students	104	188	128	134	144	152	128	126	120	162	215
Applicants	54	91	56	62	85	66	70	74	76	100	95
Matched PGY-1	44	74	47	49	74	48	55	57	67	78	66
Percent Matched PGY-1	81.5	81.3	83.9	79.0	87.1	72.7	78.6	77.0	88.2	78.0	69.5
U.S. Physicians	1,130	1,427	1,547	1,757	1,858	1,895	2,012	1,917	1,651	1,615	1,818
Applicants	597	768	833	951	907	958	1,010	1,045	903	901	1,054
Matched PGY-1	342	386	426	494	430	439	477	522	431	442	512
Percent Matched PGY-1	57.3	50.3	51.1	51.9	47.4	45.8	47.2	50.0	47.7	49.1	48.6
Osteopaths	256	414	631	774	884	1,158	1,272	1,188	971	990	1,082
Applicants	135	206	348	402	517	600	685	737	609	643	680
Matched PGY-1	94	127	205	271	344	409	444	447	361	396	395
Percent Matched PGY-1	69.6	61.7	58.9	67.4	66.5	68.2	64.8	60.7	59.3	61.6	58.1
Fifth Pathway	447	425	407	305	210	163	171	114	83	50	59
Applicants	366	339	352	240	170	128	131	82	59	32	32
Matched PGY-1	271	263	286	184	141	108	99	59	39	14	13
Percent Matched PGY-1	74.0	69.6	81.3	76.7	82.9	84.4	75.6	72.0	66.	43.8	40.6
U.S. Foreign Grads	1,988	2,922	2,619	1,954	1,601	1,535	1,515	1,306	988	983	1,096
Applicants	1,305	1,695	1,692	1,303	1,041	1,020	881	829	601	617	642
Matched PGY-1	644	752	671	503	448	500	470	461	352	362	367
Percent Matched PGY-1	49.3	44.4	39.7	38.6	43.0	49.0	53.3	55.6	58.6	58.7	57.2
Alien Foreign Grads	5,422	7,143	6,943	5,705	4,444	4,089	4,094	3,935	4,075	5,629	8,086
Applicants	3,618	4,212	4,256	3,662	2,868	2,537	2,313	2,329	2,259	3,196	4,319
Matched PGY-1	949	922	918	879	980	1,119	1,253	1,390	1,432	2,014	2,523
Percent Matched PGY-1	26.2	21.9	21.6	24.0	34.2	44.1	54.2	59.7	63.4	63.0	58.4
Total Applicants	24,900	28,649	28,454	26,610	24,870	24,768	24,630	23,840	23,156	24,631	27,742
Applicants	20,044	22,052	22,386	21,357	20,054	19,808	19,207	19,004	18,450	19,519	20,916
Matched PGY-1	15,218	16,112	16,306	16,136	16,013	16,119	16,013	15,912	15,667	16,263	16,896
Percent Matched PGY-1	75.9	73.1	72.8	75.6	79.8	81.4	83.4	83.7	84.9	83.3	80.8

Note: Student with no rankings or who withdrew are not included.

Source: National Resident Matching Program

Update: 5/93

TABLE F6
NUMBER OF PGY-1 POSITIONS OFFERED

SPECIALTY	1980	1982	1984	1986	1988	1990*	1991
Anesthesiology	523	533	469	383	324	335	404
Dermatology	7	10	6	9	20	33	46
Emergency Medicine	---	---	225	267	311	348	372
Family Practice	2,371	2,425	2,540	2,506	2,522	2,294	2,571
Internal Medicine	5,941	5,936	6,840	6,995	7,186	6,715	8,078
Neurological Surgery	20	37	53	53	48	39	59
Neurology	81	104	84	92	68	77	74
Nuclear Medicine	---	3	---	---	---	---	---
Obstetrics and Gynecology	1,220	1,123	1,121	1,135	1,117	1,041	1,194
Ophthalmology	31	20	21	29	27	---	17
Orthopedic Surgery	218	265	294	318	270	247	287
Otolaryngology	48	65	96	96	65	63	95
Pathology	642	659	631	605	511	417	527
Pediatrics	1,864	1,909	2,170	2,130	2,168	2,012	2,333
Physical Med and Rehab	129	147	171	94	83	70	91
Preventive Medicine, General	15	20	31	38	12	20	21
Occupational Medicine	8	---	---	---	---	15	32
Public Health	4	---	---	---	---	---	6
Psychiatry	1,063	1,046	1,033	1,070	1,113	985	1,168
Radiation Oncology	87	69	68	48	26	27	19
Radiology, Diagnostic	409	399	409	334	287	348	356
Radiology, Diagnostic (nuclear)	10	---	---	---	---	3	8
Surgery	2,539	2,570	2,655	2,738	2,703	2,520	2,938
Thoracic Surgery	---	4	---	---	---	---	---
Urology	65	60	78	78	73	79	67
Transitional Year	718	1,449	1,416	1,446	1,445	1,263	1,466
COMBINED SPECIALTIES							
Internal/emergency medicine	---	---	---	---	---	---	10
Internal medicine/pediatrics	---	---	---	---	---	---	215
Internal/Physical Medicine and Rehabilitation	---	---	---	---	---	---	8
Pediatrics/Emergency Medicine	---	---	---	---	---	---	2
Pediatrics/physical medicine and Rehabilitation	---	---	---	---	---	---	2
Pediatrics/Psychiatry/ Child Psychiatry	---	---	---	---	---	---	2
TOTAL	18,013	18,853	20,411	20,464	20,379	18,951	22,468

* The 1990 data were based on data from a survey with an unusually low response rate and are not comparable with other years.

Note: 1980 through 1983 data for Preventive Medicine includes General, Occupational Medicine and Public Health. Beginning in 1984 the specialty term "Flexible" was replaced with "Transitional year." In 1988 the specialty term "Radiology, Therapeutic" was replaced with "Radiation Oncology."

SOURCE: Journal of the American Medical Association, Annual Education Issue(s).

Update: 8/93

TABLE F7
NUMBER OF FIRST-YEAR POSITIONS OFFERED IN RESIDENCIES AND FELLOWSHIPS

SPECIALTY	1993 TOTAL NUMBER OF POSITIONS AVAILABLE	1993 TOTAL 1ST YEAR POSITIONS AVAILABLE
Allergy and Immunology	291	134
Diagnostic Lab Immunology	6	6
Anesthesiology	5,828	1,218
Critical Care	114	93
Colon and Rectal Surgery	53	53
Dermatology	844	282
Dermatopathology*	51	42
Emergency Medicine	2,307	777
Family Practice	7,891	2,657
Geriatic Medicine	42	21
Internal Medicine	19,985	8,128
Cardiovascular Disease	2,180	705
Critical Care	481	247
Endocrinology/Metabolism	426	205
Gastroenterology	949	406
Geriatric Medicine	299	142
Hematology	781	306
Infectious Disease	650	276
Medical Oncology	967	382
Nephrology	664	266
Pulmonary Diseases	953	382
Rheumatology	409	169
Neurological Surgery	736	127
Neurology	1,410	362
Child Neurology	197	64
Nuclear Medicine	235	129
Obstetrics and Gynecology	4,767	1,215
Ophthalmology	1,517	450
Orthopedic Surgery	2,818	604
Adult Reconstructive Ortho	2	2
Hand Surgery	57	57
Musculoskeletal Oncology	8	8
Pediatric Orthopedics	57	35
Sports Medicine	64	52
Trauma Orthopedics	2	2
Otolaryngology	1,161	251
Pathology	2,640	613
Blood Banking	50	45
Chemical Pathology	9	7
Forensic Pathology	61	58
Hematology	49	38
Immunopathology	34	16
Medical Microbiology	5	3
Neuropathology	79	44
Pathology Selective	57	47
Pediatrics	7,272	2,426
Ped Critical Care Med	176	71
Neonatal-perinatal Medicine	559	208
Pediatric Cardiology	240	82
Pediatric Endocrinology	143	57
Ped Hematology-Oncology	229	88
Pediatric Nephrology	112	42
Pediatric Pulmonology	89	32
Physical Medicine and Rehab	1,066	266
Plastic Surgery	423	206
Hand Surgery	13	13
Preventive Medicine, General	157	48
Aerospace Medicine	83	30
Occupational Medicine	203	91
Public Health	31	21
Public Health and General Preventive Medicine	92	44
Psychiatry, General	5,447	1,304
Child & Adolescent Psych	743	360
Radiation Oncology	487	106
Radiology, Diagnostic	3,964	919
Neuroradiology	218	151
Nuclear Radiology	61	42
Pediatric Radiology	66	52
Vascular and Interventional Radiology	3	3
Surgery, General	8,173	2,943
Critical Care	43	37
Hand Surgery	18	18
Pediatric Surgery	39	23
Vascular Surgery	103	76
Thoracic Surgery	318	145
Urology	1,050	243
Transitional Year	1,607	1,595
COMBINED SPECIALTIES		
Combined Internal Medicine/ Emergency Medicine	5	2
Combined Internal Medicine/ Pediatrics	0	212
Combined Internal Medicine/Physical Medicine and Rehabilitation	5	0
Combined Internal Medicine/ Psychiatry	4	2
Combined Ped/Emergency Med	4	1
Combined Pediatrics/Physical Medicine and Rehabilitation	2	1
Combined Pediatrics/Psychiatry/ Child Psych	8	18
TOTAL	95,442	33,104

* Dermatopathology is a subspecialty related to the core disciplines of dermatology and pathology.

Source: The Journal of the American Medical Association, Annual Education Issue.

Update: 9/93

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TABLE F8
NUMBER OF RESIDENTS BY SPECIALTY

Specialty	1982	1987	1992
Allergy and Immunology	236	271	281
Anesthesiology	3,369	4,214	5,297
Critical Care	---	---	69
Colon and Rectal Surgery	46	50	53
Dermatology	789	799	861
Dermatopathology+	35	25	36
Emergency Medicine	885	1,301	2,115
Family Practice	7,040	7,346	6,976
Geriatic Medicine	---	---	16
Internal Medicine	17,185	18,153	19,191
Cardiovascular Disease	---	1,612	2,079
Critical Care	---	---	287
Endocrinology & Metabolism	---	357	319
Gastroenterology	---	679	890
Geriatric Medicine	---	---	199
Hematology	---	463	539
Infectious Disease	---	484	614
Medical Oncology	---	597	659
Nephrology	---	460	544
Pulmonary Diseases	---	676	911
Rheumatology	---	309	362
Neurological Surgery	621	736	703
Neurology	1,276	1,395	1,308
Child Neurology	---	---	133
Nuclear Medicine	203	171	188
Obstetrics and Gynecology	4,702	4,520	4,843
Ophthalmology	1,553	1,525	1,584
Orthopedic Surgery	2,733	2,727	2,843
Adult Reconstructive	---	---	1
Hand Surgery	---	---	51
Musculoskeletal Oncology	---	---	10
Orthopedic Sports Medicine	---	---	47
Ortho Surgery of the Spine	---	---	7
Orthopedic Trauma	---	---	2
Pediatric Orthopedics	---	---	18
Otolaryngology	1,001	1,095	1,071
Pathology	2,437	2,193	2,418
Blood Banking	32	27	35
Chemical Pathology	---	1	4
Forensic Pathology	28	38	32
Hematology	---	9	25
Immunopathology	---	---	6
Medical Microbiology	---	1	2
Neuropathology	37	46	32
Pathology, selective	---	---	46
Pediatrics	5,720	6,262	6,680
Neonatal-perinatal Med	---	412	457
Pediatric Cardiology	104	161	219
Pediatric Critical Care Med	---	---	134
Pediatric Endocrinology	---	84	91
Ped Hematology-Oncology	---	146	171
Pediatric Nephrology	---	42	67
Pediatric Pulmonology	---	---	69

Specialty	1982	1987	1992
Physical Medicine and Rehab	624	827	970
Plastic Surgery	365	396	441
Hand Surgery	---	---	10
Preventive Medicine, Gen	188	215	117
Aerospace Medicine	46	63	46
Occupational Medicine	78	118	153
Public Health	31	27	11
Public Health and General Preventive Medicine	---	67	67
Psychiatry, General	4,235	4,950	4,879
Child/Adolescent Psych	528	614	643
Radiation Oncology	388	501	487
Radiology, Diagnostic	3,155	3,306	4,005
Neuroradiology	---	---	170
Nuclear Radiology	62	47	25
Pediatric Radiology	---	---	39
Vascular and Interventional Radiology	---	---	1
Surgery, General	8,064	8,000	7,994
Hand Surgery	---	---	5
Pediatric Surgery	27	30	37
Surgical Critical Care	---	---	42
Vascular Surgery	---	84	105
Thoracic Surgery	278	298	315
Urology	1,041	1,033	1,003
Pediatric Urology	---	---	2
Transitional Year	---	1,447	1,458
COMBINED SPECIALTY PROGRAMS*			
Combined Internal Medicine/ Emergency Medicine	---	---	34
Combined Internal Medicine/ Neurology	---	---	1
Combined Internal Medicine/ Pediatrics	---	---	636
Combined Internal Medicine/ Physical Medicine and Rehabilitation	---	---	21
Combined Pediatrics/Emergency Medicine	---	---	9
Combined Pediatrics/Physical Medicine and Rehabilitation	---	---	8
Combined Pediatrics/Psychiatry/ Child Psychiatry	---	---	39
TOTAL	69,142	81,410	89,368

\+ Dermatopathology is a subspecialty related to the core disciplines of dermatology and pathology.

Note: Total represents the number of residents in programs responding to the AMA Annual Survey of Graduate Medical Education Programs.

Source: Data from Journal of American Medical Association, Education Issue, American Medical Association.

Update: 9/93

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TABLE F9
NUMBER OF RESIDENTS AND FELLOWS BY SPECIALTY

	1990			1991			1992		
	FMG	OTHER	TOTAL	FMG	OTHER	TOTAL	FMG	OTHER	TOTAL
MEDICAL SPECIALTIES									
Allergy & Immunology	42	140	182	51	108	159	51	113	164
Allergy & Immunology-Diagnostic Lab	6	4	10	14	7	21	1	4	5
Anesthesiology	549	4,525	5,074	660	4,781	5,441	781	4,985	5,766
Anesthesiology-Preliminary	---	---	---	---	---	---	51	46	97
Anesthesiology Critical Care	7	33	40	8	42	50	24	56	80
Anesthesiology Pain Management	1	10	11	4	10	14	6	25	31
Colon-Rectal Surgery	12	53	65	7	56	63	11	53	64
Dermatology	22	864	886	35	871	906	39	898	937
Dermatopathology	1	15	16	7	15	22	4	15	19
Dermatology Immunology-Diagnostic Lab	0	5	5	0	3	3	0	3	3
Dermatology Microbiology-Surgery	0	3	3	0	10	10	0	10	10
Emergency Medicine	78	1,847	1,925	93	2,006	2,099	97	2,234	2,331
Emergency Medicine-Internal Medicine	0	10	10	1	22	23	2	35	37
Emergency Medicine-Sports Medicine	0	1	1	---	---	---	---	---	---
Emergency Medicine-Pediatric	0	6	6	0	7	7	2	8	10
Family Practice	1,001	6,183	7,184	1,174	6,085	7,259	1,385	6,042	7,427
Family Practice-Geriatric Medicine	5	12	17	4	17	21	7	10	17
Family Practice-Sports Medicine	0	4	4	1	5	6	4	16	20
Internal Medicine (General)	5,606	12,047	17,653	6,404	11,393	17,797	7,268	10,825	18,093
Internal Medicine-Preliminary	90	1,664	1,754	129	1,710	1,839	202	1,728	1,930
Internal Medicine-Adolescent Medicine	2	5	7	0	1	1	0	4	4
Internal Medicine-Allergy & Immunology	9	25	34	11	55	66	15	61	76
Internal Medicine-Cardiac Electrophys	1	9	10	4	9	13	9	12	21
Internal Medicine-Cardiovascular Disease	500	1,702	2,202	597	1,826	2,423	704	1,944	2,648
Internal Medicine-Clin Investigator Path	0	2	2	0	8	8	0	5	5
Internal Medicine-Clinical Pharmacology	2	10	12	8	10	18	7	15	22
Internal Medicine-Critical Care	70	105	175	71	112	183	68	84	152
Internal Medicine-Diagnostic Lab Immunology	5	8	13	4	7	11	2	6	8
Internal Medicine-Endocrinology & Metabolism	91	279	370	121	289	410	148	271	419
Internal Medicine-Gastroenterology	182	842	1,024	214	884	1,098	280	927	1,207
Internal Medicine-Geriatrics Medicine	52	128	180	58	130	188	87	130	217
Internal Medicine-Hematology	39	99	138	48	119	167	63	111	174
Internal Medicine-Hematology & Oncology	149	425	574	193	430	623	239	415	654
Internal Medicine-Infectious Disease	129	447	576	160	481	641	181	490	671
Internal Medicine-Medical Oncology	44	176	220	61	214	275	72	182	254
Internal Medicine & Pediatrics	78	560	638	110	584	694	123	605	728
Internal Medicine & Pediatrics-Preliminary	---	---	---	---	---	---	8	7	15
Internal Medicine-Physical Med and Rehab	19	57	76	9	39	48	5	45	50
Internal Medicine - Primary Care	168	698	866	234	736	970	268	720	988
Internal Medicine & Psychiatry	1	16	17	2	22	24	5	28	33
Internal Medicine-Nephrology	164	312	476	206	331	537	259	340	599
Internal Medicine-Nutrition (clinical)	3	11	14	2	9	11	2	11	13
Internal Medicine-Pulmonary Diseases	228	716	944	259	807	1,066	291	852	1,143
Internal Medicine-Rheumatology	71	274	345	82	281	363	90	295	385
Internal Medicine-Sports Medicine	0	5	5	1	6	7	0	12	12
Internal Medicine-Transfusion Medicine	0	2	2	0	2	2	---	---	---
Internal Medicine-Transplant Medicine	11	12	23	5	12	17	6	16	22
Neurological Surgery	66	735	801	73	754	827	78	763	841
Neurological Surgery-Critical Care	1	1	2	0	1	1	3	5	8
Neurological Surgery-Pediatric	0	1	1	2	3	5	2	3	5
Neurology	353	1,165	1,518	388	1,198	1,586	478	1,183	1,661
Neurology, Child	39	65	104	39	61	100	45	63	108

(continued)

SOURCE: Association of American Medical Colleges Graduate Medical Education Tracking Census

Update: 1/94

TABLE F9
NUMBER OF RESIDENTS AND FELLOWS BY SPECIALTY

	1990			1991			1992		
	FMG	OTHER	TOTAL	FMG	OTHER	TOTAL	FMG	OTHER	TOTAL
MEDICAL SPECIALTIES									
Neurophysiology-Clinical	3	20	23	5	28	33	3	27	30
Nuclear Medicine	33	68	101	40	75	115	40	71	111
Nuclear Medicine-Nuclear Radiology	2	7	9	2	7	9	12	12	24
Nuclear Medicine-Radiosotopic Pathology	---	---	---	0	2	2	---	---	---
Obstetrics and Gynecology	369	4,384	4,753	326	4,533	4,859	308	4,608	4,916
OB/GYN-Preliminary	---	---	---	---	---	---	4	15	19
OB/GYN-Critical Care	2	3	5	1	3	4	1	0	1
OB/GYN-Gynecologic Oncology	14	70	84	9	51	60	8	50	58
OB/GYN-Maternal & Fetal Medicine	14	87	101	12	92	104	26	131	157
OB/GYN-Repro Endocrinology	6	83	89	13	114	127	22	112	134
Ophthalmology	63	1,675	1,738	74	1,659	1,733	104	1,679	1,783
Ophthalmology-Plastic & Recon Surgery	1	1	2	1	7	8	3	22	25
Orthopedic Surgery	42	2,931	2,973	27	2,969	2,996	34	2,967	3,001
Orthopedic-Adult Reconstructive	0	13	13	1	9	10	3	14	17
Orthopedic-Foot & Ankle	1	10	11	2	21	23	0	18	18
Orthopedic-Hand Surgery	4	43	47	0	73	73	2	85	87
Orthopedic-Musculoskeletal Oncology	---	---	---	0	1	1	0	2	2
Orthopedic-Sports Medicine	0	24	24	1	94	95	3	128	131
Orthopedic-Trauma	0	1	1	0	5	5	3	11	14
Orthopedic-Pediatric	1	8	9	2	16	18	2	20	22
Orthopedics-Spine Surgery	0	18	18	3	28	31	2	41	43
Otolaryngology	20	1,074	1,094	25	1,078	1,103	18	1,090	1,108
Otolaryngology-Facial Plastic Surgery	3	15	18	1	11	12	0	6	6
Otolaryngology-Head & Neck Surgery	1	37	38	4	57	61	5	87	92
Otolaryngology-Otology	1	3	4	1	6	7	0	6	6
Otolaryngology-Pediatric	0	7	7	0	10	10	2	13	15
Pathology (Unspecified)	466	1,590	2,056	488	1,585	2,073	498	1,562	2,060
Pathology, Anatomic	34	68	102	48	80	128	64	82	146
Pathology, Anatomic & Clinical	157	222	379	168	289	457	186	336	522
Pathology, Blood Banking	7	16	23	5	18	23	5	16	21
Pathology, Chemical	0	2	2	---	---	---	0	1	1
Pathology, Clinical	13	28	41	11	25	36	14	50	64
Pathology, Cytopathology	8	13	21	7	16	23	13	21	34
Pathology, Dermatopathology	2	7	9	2	5	7	2	7	9
Pathology, Forensic	2	4	6	4	5	9	6	12	18
Pathology, Hematology	10	15	25	10	13	23	15	20	35
Pathology, Immunopathology	5	4	9	3	1	4	1	2	3
Pathology, Medical Microbiology	4	7	11	2	1	3	1	2	3
Pathology, Neuropathology	10	10	20	8	17	25	8	22	30
Pathology, Pediatric	2	2	4	1	2	3	5	3	8
Pathology, Radioisotopic	2	10	12	0	1	1	1	1	2
Pediatrics	1,841	4,992	6,833	1,996	4,956	6,952	2,180	4,922	7,102
Pediatrics-Preliminary	---	---	---	---	---	---	35	14	49
Pediatrics-Diagnostic Lab Immunology	4	6	10	9	13	22	10	17	27
Pediatric-Adolescent Medicine	4	34	38	5	44	49	9	35	44
Pediatric-Development Ped	6	41	47	8	46	54	10	47	57
Pediatric-Neonatal/Perinatal	121	213	334	157	254	411	172	235	407
Pediatric-Cardiology	59	152	211	43	150	193	50	145	195
Pediatric-Critical Care	15	66	81	28	102	130	28	122	150
Pediatric-Emergency Medicine	9	41	50	20	70	90	29	115	144
Pediatric-Endocrinology	40	62	102	36	60	96	37	55	92

(continued)

SOURCE: Association of American Medical Colleges Graduate Medical Education Tracking Census

TABLE F9
NUMBER OF RESIDENTS AND FELLOWS BY SPECIALTY

	1990			1991			1992		
	FMG	OTHER	TOTAL	FMG	OTHER	TOTAL	FMG	OTHER	TOTAL
MEDICAL SPECIALTIES									
Pediatric-Gastroenterology	20	28	48	35	48	83	44	59	103
Pediatric-Hematology-Oncology	49	144	193	51	137	188	56	127	183
Pediatric-Infectious Disease	21	47	68	33	66	99	34	75	109
Pediatric-Nephrology	23	41	64	25	42	67	19	42	61
Pediatric-Physical Med & Rehabilitation	---	---	---	---	---	---	2	17	19
Pediatric-Primary	46	60	106	52	77	129	46	78	124
Pediatrics/Psychiatry/Child Psychiatry	0	21	21	1	38	39	3	26	29
Pediatric-Pulmonology	10	54	64	12	46	58	21	49	70
Pediatric-Rheumatology	3	8	11	3	12	15	2	17	19
Pediatric-Sports & Fitness	---	---	---	1	2	3	0	5	5
Physical Medicine and Rehabilitation	54	921	975	93	969	1,062	108	997	1,105
Physical Medicine & Rehabilitation-Prelim	---	---	---	---	---	---	2	4	6
Plastic Surgery	33	421	454	32	440	472	35	474	509
Plastic Surgery-Hand	0	4	4	1	4	5	2	12	96
Preventive Medicine (general)	11	90	101	12	96	108	14	92	106
Preventive Medicine-Aerospace	4	12	16	5	24	29	3	23	26
Preventive Medicine-Clinical	0	2	2	---	---	---	0	2	2
Preventive Medicine-Occupational	9	68	77	11	72	83	13	81	94
Preventive Medicine-Public Health	0	22	22	2	47	49	4	34	38
Preventive Medicine-Public and General	1	12	13	3	21	24	2	23	25
Preventive Medicine-Underseas Medicine	0	1	1	0	1	1	0	1	1
Psychiatry	1,092	4,253	5,345	1,177	4,213	5,390	1,376	3,999	5,375
Psychiatry-Preliminary	---	---	---	---	---	---	22	41	63
Psychiatry-Addiction Psych	1	3	4	5	11	16	4	17	21
Psychiatry - Child & Adolescent	118	420	538	117	452	569	109	440	549
Psychiatry-Geriatric	3	5	8	7	9	16	23	19	42
Radiology	41	545	586	42	546	588	51	506	557
Radiology-Preliminary	---	---	---	---	---	---	0	4	4
Radiology - Diagnostic	102	3,247	3,349	120	3,438	3,558	141	3,606	3,747
Radiology-Nuclear	11	33	44	16	36	52	15	49	64
Radiology-Neuroradiology	4	71	75	4	94	98	14	109	123
Radiology-Pediatric	0	13	13	1	24	25	5	23	28
Radiology - Oncology (Ther)	29	476	505	32	489	521	43	518	561
Surgery (General)	508	6,347	6,855	541	6,217	6,758	592	6,136	6,728
Surgery-Preliminary	123	987	1,110	152	1,156	1,308	211	1,310	1,521
Surgery-Pediatric	8	28	36	6	32	38	4	36	40
Surgery-Critical Care	10	30	40	5	41	46	8	37	45
Surgery-Vascular	23	128	151	17	129	146	18	134	152
Surgery-Hand	1	7	8	4	10	14	0	7	7
Surgery-Oral	20	185	205	19	203	222	16	204	220
Thoracic Surgery	23	289	312	28	309	337	31	314	345
Urology	54	1,081	1,135	48	1,085	1,133	59	1,098	1,157
Transitional	236	1,261	1,497	234	1,236	1,470	293	1,296	1,589
TOTAL	**15,989**	**75,870**	**91,859**	**18,110**	**77,143**	**95,253**	**20,902**	**77,911**	**98,813**

SOURCE: Association of American Medical Colleges Graduate Medical Education Tracking Census

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TABLE F10
WOMEN RESIDENTS

	1992		
	Total Residents	Number of Women Residents	Women Residents as Percent of all Residents
Allergy and Immunology	281	97	34.5
Anesthesiology	5,297	1,151	21.7
Critical Care	69	12	17.4
Colon and Rectal Surgery	53	5	9.4
Dermatology	861	434	50.4
Dermatopathology	36	14	38.9
Emergency Medicine	2,115	537	25.4
Family Practice	6,976	2,604	37.3
Geriatric Medicine	16	7	43.8
Internal Medicine	19,191	5,874	30.6
Cardiovascular disease	2,079	204	9.8
Critical Care	287	44	15.3
Endocrinology and Metabolism	319	149	46.7
Gastroenterology	890	107	12.0
Geriatric Medicine	199	97	48.7
Hematology	539	158	29.3
Infectious Disease	614	239	38.9
Medical Oncology	659	188	28.5
Nephrology	544	138	25.4
Pulmonary Diseases	911	176	19.3
Rheumatology	362	154	42.5
Neurological Surgery	703	48	6.8
Neurology	1,308	342	26.1
Child Neurology	133	52	39.1
Nuclear Medicine	188	59	31.4
Obstetrics and Gynecology	4,843	2,415	49.9
Ophthalmology	1,584	382	24.1
Orthopedic Surgery	2,843	171	6.0
Adult Reconstructive Ortho	1	---	---
Hand Surgery	51	4	7.8
Musculoskeletal Oncology	10	2	20.0
Orthopedic Sports Medicine	47	3	6.4
Orthopedic Surgery of the Spine	7	---	---
Orthopedic Trauma	2	---	---
Pediatric Orthopedics	18	4	22.2
Otolaryngology	1,071	156	14.6
Pathology	2,418	968	40.0
Blood Banking	35	19	54.3
Chemical Pathology	4	1	25.0
Forensic Pathology	32	9	28.1
Hematology	25	7	28.0
Immunopathology	6	2	33.3
Medical Microbiology	2	---	---
Neuropathology	32	13	40.6
Pathology, selective	46	23	50.0

	1992		
	Total Residents	Number of Women Residents	Women Residents as Percent of all Residents
Pediatrics	6,680	3,934	58.9
Neonatal-perinatal Med	457	200	43.8
Pediatric Cardiology	219	67	30.6
Pediatric Critical Care Med	134	41	30.6
Pediatric Endocrinology	91	49	53.8
Ped Hematology-Oncology	171	73	42.7
Pediatric Nephrology	67	26	38.8
Pediatric Pulmonology	69	17	24.6
Physical Medicine and Rehab	970	332	34.2
Plastic Surgery	441	65	14.7
Hand Surgery	10	1	10.0
Preventive Medicine, General	117	56	47.9
Aerospace Medicine	46	4	8.7
Occupational Medicine	153	51	33.3
Public Health	11	5	45.5
Public Health/General Preventive Medicine	67	37	55.2
Psychiatry, General	4,879	2,146	44.0
Child/Adolescent Psych	643	307	47.7
Radiation Oncology	487	134	27.5
Radiology, Diagnostic	4,005	1,049	26.2
Neuroradiology	170	34	20.0
Nuclear Radiology	25	4	16.0
Pediatric Radiology	39	20	51.3
Vascular and Interventional Radiology	1	---	---
Surgery, General	7,994	1,252	15.7
Hand Surgery	5	1	20.0
Pediatric Surgery	37	3	8.1
Surgical Critical Care	42	9	21.4
Vascular Surgery	105	4	3.8
Thoracic Surgery	315	11	3.5
Urology	1,003	65	6.5
Pediatric Urology	2	---	---
Transitional Year	1,458	384	26.3
COMBINED SPECIALTIES			
Combined Internal Medicine/ Emergency Medicine	34	11	32.4
Combined Internal Medicine/ Neurology	1	1	100.0
Combined Internal Medicine/ Pediatrics	636	258	40.6
Combined Internal Medicine/Physical Medicine and Rehabilitation	21	9	42.9
Combined Pediatrics/Emergency Medicine	9	4	44.4
Combined Pediatrics/Physical Medicine and Rehabilitation	8	6	75.0
Combined Pediatrics/Psychiatry/ Child Psych	39	21	53.8
TOTAL	89,368	27,760	31.1

Note: Subspecialties of Internal Medicine were first accredited by the ACGME in 1986.

Source: Journal of the American Medical Association, Education Issue.

Update: 9/93

TABLE F11
NUMBER OF RESIDENTS BY GRADUATE MEDICAL EDUCATION YEAR, 1992

SPECIALTY	GY1	GY2	GY3	GY4	GY5	GY6	GY7+	TOTAL
Allergy & Immunology	0	0	0	67	59	26	12	164
Allergy & Immunology-Diag Lab	0	0	0	0	0	0	5	5
Anesthesiology	497	1,559	1,544	1,387	479	182	118	5,766
Anesthesiology-Preliminary	32	34	11	14	5	1	0	97
Anesthesiology Critical Care	0	0	0	0	23	11	46	80
Anesthesiology Pain Management	0	0	0	0	13	6	12	31
Colon-Rectal Surgery	0	0	0	0	0	37	27	64
Dermatology	20	214	212	262	116	71	42	937
Dermatopathology	0	0	0	1	10	4	4	19
Dermatology Immunology-Diag Lab	0	0	0	2	1	0	0	3
Dermatology Microbiology-Surgery**	0	0	0	0	8	0	2	10
Emergency Medicine	524	686	621	309	106	69	16	2,331
Emergency Medicine-Internal Medicine	12	10	8	5	2	0	0	37
Emergency Medicine-Pediatric	3	5	1	0	0	1	0	10
Family Practice	2,457	2,293	2,175	389	79	19	5	7,427
Family Practice-Geriatric Medicine	0	0	0	5	9	3	0	17
Family Practice-Sports Medicine	0	0	0	13	3	4	0	20
Internal Medicine (General)	6,130	5,299	5,076	1,202	235	76	75	18,093
Internal Medicine-Preliminary	1,731	123	60	10	4	2	0	1,930
Internal Medicine-Adolescent Med	0	0	0	1	1	2	0	4
Internal Medicine-Allergy & Immunology	0	0	0	27	34	14	1	76
Internal Medicine-Cardiac Electrophys	0	0	0	8	4	6	3	21
Internal Medicine-Cardiovascular Disease	0	0	0	723	785	733	407	2,648
Internal Medicine-Clin Investigator Path	1	1	1	1	0	1	0	5
Internal Medicine-Clinical Pharmacology	0	0	0	9	7	5	1	22
Internal Medicine-Critical Care	0	0	0	49	48	33	22	152
Internal Medicine-Diag Lab Immunology	0	0	0	0	1	4	3	8
Internal Medicine-Endo & Metabolism	0	0	0	147	151	90	31	419
Internal Medicine-Gastroenterology	0	0	0	408	456	245	98	1,207
Internal Medicine-Geriatrics Medicine	0	0	0	80	81	40	16	217
Internal Medicine-Hematology	0	0	0	47	58	41	28	174
Internal Medicine-Hematology & Oncology	0	0	0	198	207	157	92	654
Internal Medicine-Infectious Disease	0	0	0	223	252	126	70	671
Internal Medicine-Medical Oncology	0	0	0	71	97	56	30	254
Internal Medicine & Pediatrics	212	190	155	142	27	1	1	728
Internal Medicine & Peds-Preliminary	9	5	1	0	0	0	0	15
Internal Medicine-Physical Med. & Rehab	10	20	9	6	4	0	1	50
Internal Medicine - Primary Care	366	274	269	64	12	3	0	988
Internal Medicine & Psychiatry	12	4	4	7	4	1	1	33
Internal Medicine-Nephrology	0	0	0	224	212	119	44	599
Internal Medicine-Nutrition (clinical)**	0	0	0	6	5	0	2	13
Internal Medicine-Pulmonary Diseases	0	0	0	313	394	287	149	1,143
Internal Medicine-Rheumatology	0	0	0	148	129	78	30	385
Internal Medicine-Sports Medicine	0	0	0	5	3	4	0	12
Internal Medicine-Transplant Medicine	0	0	0	8	2	4	8	22
Neurological Surgery	67	146	146	141	129	120	92	841
Neurological Surgery-Critical Care	0	0	0	0	0	0	8	8
Neurological Surgery-Pediatric	0	0	0	0	1	2	2	5
Neurology	104	391	434	368	218	88	58	1,661
Neurology, Child	5	8	17	28	26	16	8	108
Neurophysiology-Clinical	0	0	0	0	12	9	9	30
Nuclear Medicine	10	37	20	23	11	8	2	111
Nuclear Medicine-Nuclear Radiology	0	0	0	0	8	7	9	24
Obstetrics and Gynecology	1,166	1,170	1,181	1,129	180	41	42	4,909
OB/GYN-Preliminary	12	5	1	1	0	0	0	19
OB/GYN-Critical Care	0	0	0	0	1	0	0	1
OB/GYN-Gynecologic Oncology	0	0	0	0	17	18	23	58
OB/GYN-Maternal & Fetal Medicine	0	0	0	0	74	56	27	157
OB/GYN-Repro Endocrinology	0	0	0	0	51	54	33	138
Ophthalmology	61	490	460	465	218	60	26	1,780
Ophthalmology-Plastic & Recon Surgery	0	0	0	0	7	12	6	25

(Continued)

Source: Association of American Medical Colleges Graduate Medical Education Tracking Census

Update: 1/94

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TABLE F11
NUMBER OF RESIDENTS BY GRADUATE MEDICAL EDUCATION YEAR, 1992

SPECIALTY	GY1	GY2	GY3	GY4	GY5	GY6	GY7+	TOTAL
Orthopedic Surgery	336	590	602	635	589	162	87	3,001
Orthopedic-Adult Reconstructive	0	0	0	0	0	10	7	17
Orthopedic-Foot & Ankle	0	0	0	0	0	10	8	18
Orthopedic-Hand Surgery	0	0	0	0	0	39	48	87
Orthopedic-Musculoskeletal Oncology	0	0	0	0	0	2	0	2
Orthopedic-Sports Medicine	0	0	0	0	0	86	45	131
Orthopedic-Trauma	0	0	0	0	0	8	6	14
Orthopedic-Pediatric**	0	0	0	0	0	14	8	22
Orthopedics-Spine Surgery	0	0	0	0	0	22	21	43
Otolaryngology	66	192	245	256	236	86	27	1,108
Otolaryngology-Facial Plastic Surgery	0	0	0	0	0	3	3	6
Otolaryngology-Head & Neck Surgery	0	20	22	18	16	9	2	87
Otolaryngology-Otology**	0	0	0	0	0	0	6	6
Otolaryngology-Pediatric**	0	0	0	0	0	8	7	15
Pathology (Unspecified)	427	413	429	373	269	99	50	2,060
Pathology, Anatomic	41	32	26	11	16	15	5	146
Pathology, Anatomic & Clinical	98	119	98	106	81	18	2	522
Pathology, Blood Banking	0	0	0	8	3	7	3	21
Pathology, Chemical	0	0	0	1	0	0	0	1
Pathology, Clinical	16	12	12	9	7	3	5	64
Pathology, Cytopathology	0	0	0	10	5	15	4	34
Pathology, Dermatopathology	0	0	0	0	2	3	4	9
Pathology, Forensic	0	0	0	4	6	6	2	18
Pathology, Hematology	0	0	0	5	12	10	8	35
Pathology, Immunopathology	0	0	0	2	0	1	0	3
Pathology, Medical Microbiology	0	0	0	1	1	0	1	3
Pathology, Neuropathology	0	0	0	7	13	5	5	30
Pathology, Pediatric	0	0	0	4	2	2	0	8
Pathology, Radioisotopic	0	0	0	1	1	0	0	2
Pediatrics	2,299	2,187	1,927	487	117	56	29	7,102
Pediatrics-Preliminary	40	8	0	1	0	0	0	49
Pediatrics-Diagnostic Lab Immunology	0	0	0	8	11	5	3	27
Pediatric-Adolescent Medicine	0	0	0	14	18	11	1	44
Pediatric-Development Pediatric**	0	0	0	24	18	14	1	57
Pediatric-Neo/Perinatal	0	0	0	130	125	113	39	407
Pediatric-Cardiology	0	0	0	51	59	60	25	195
Pediatric-Critical Care	0	0	0	45	52	33	20	150
Pediatric-Emergency Medicine	0	0	0	67	49	25	3	144
Pediatric-Endocrinology	0	0	0	26	29	23	14	92
Pediatric-Gastroenterology	0	0	0	33	34	25	11	103
Pediatric-Hematology-Oncology	0	0	0	51	44	63	25	183
Pediatric-Infectious Disease	0	0	0	32	39	24	14	109
Pediatric-Nephrology	0	0	0	17	13	22	9	61
Pediatric-Physical Med & Rehab	7	6	0	4	2	0	0	19
Pediatric-Primary	28	48	30	8	5	5	0	124
Pediatrics/Psychiatry/Child Psych	10	5	5	3	4	1	1	29
Pediatric-Pulmonology	0	0	0	23	15	27	5	70
Pediatric-Rheumatology	0	0	0	4	8	5	2	19
Pediatric-Sports & Fitness	0	0	0	3	1	1	0	5
Physical Med and Rehabilitation	103	287	286	311	63	31	24	1,105
Physical Medicine & Rehab-Preliminary	4	2	0	0	0	0	0	6
Plastic Surgery	27	20	20	40	54	131	217	509
Plastic Surgery-Hand	0	0	0	0	0	7	7	14
Preventive Medicine (general)	15	22	28	25	9	4	3	106
Preventive Medicine-Aerospace	0	11	7	6	2	0	0	26
Preventive Medicine-Clinical**	0	0	0	0	1	1	0	2
Preventive Medicine-Occupational	14	15	21	26	12	4	2	94
Preventive Medicine-Public Health	5	8	5	7	11	1	1	38
Preventive Medicine-Public and General	1	10	4	5	2	1	2	25
Preventive Medicine-Underseas Medicine	0	0	0	0	1	0	0	1

(Continued)

Source: Association of American Medical Colleges Graduate Medical Education Tracking Census

TABLE F11
NUMBER OF RESIDENTS BY GRADUATE MEDICAL EDUCATION YEAR, 1992

SPECIALTY	GY1	GY2	GY3	GY4	GY5	GY6	GY7+	TOTAL
Psychiatry	1,160	1,292	1,314	1,068	361	112	68	5,375
Psychiatry-Preliminary	23	17	11	3	7	1	1	63
Psychiatry-Addiction Psychiatry	0	0	0	0	6	9	6	21
Psychiatry - Child & Adolescent	21	21	38	170	218	53	28	549
Psychiatry-Geriatric	0	0	0	0	22	5	15	42
Radiology	42	97	78	112	110	76	42	557
Radiology-Preliminary	3	0	1	0	0	0	0	4
Radiology - Diagnostic	373	790	823	850	612	186	113	3,747
Radiology-Nuclear	0	0	0	0	30	12	22	64
Radiology-Neuroradiology	0	0	0	0	43	41	39	123
Radiology-Pediatric	0	0	0	0	13	11	4	28
Radiology - Oncology (Ther)	23	136	130	148	71	24	29	561
Surgery (General)	1,606	1,339	1,146	1,004	995	432	206	6,728
Surgery - Preliminary	1,034	354	104	24	7	2	1	1,526
Surgery-Pediatric	0	0	0	0	0	10	30	40
Surgery-Critical Care	0	0	0	0	0	13	32	45
Surgery-Vascular	0	0	0	0	0	56	96	152
Surgery-Hand	0	0	0	0	0	2	5	7
Surgery - Oral	69	56	65	26	3	1	0	220
Thoracic Surgery	0	0	0	0	0	100	245	345
Urology	91	114	211	260	235	173	73	1,157
Transitional	1,482	90	10	2	0	3	2	1,589
TOTAL	22,905	21,277	20,104	15,305	9,869	5,711	3,642	98,813

Source: Association of American Medical Colleges Graduate Medical Education Tracking Census

TABLE F12
NUMBER OF RESIDENTS BY STATE

	1990			1991			1992		
	FMG	OTHER	TOTAL	FMG	OTHER	TOTAL	FMG	OTHER	TOTAL
STATE									
Alabama	66	851	917	74	877	951	91	911	1,002
Arizona	62	903	965	62	906	968	77	920	997
Arkansas	19	445	464	34	462	496	45	489	534
California	686	7,833	8,519	786	7,872	8,658	943	8,061	9,004
Colorado	28	1,049	1,077	47	1,099	1,146	57	1,073	1,130
Connecticut	396	1,338	1,734	404	1,344	1,748	549	1,329	1,878
Delaware	22	157	179	19	173	192	18	177	195
District of Columbia	356	1,759	2,115	371	1,783	2,154	411	1,768	2,179
Florida	359	1,864	2,223	380	1,948	2,328	417	1,996	2,413
Georgia	173	1,523	1,696	172	1,527	1,699	222	1,604	1,826
Hawaii	24	350	374	31	378	409	33	397	430
Idaho	4	33	37	3	38	41	2	37	39
Illinois	1,413	3,685	5,098	1,610	3,789	5,399	1,797	3,733	5,530
Indiana	91	947	1,038	97	960	1,057	139	1,023	1,162
Iowa	71	774	845	87	734	821	81	765	846
Lansas	34	605	639	50	616	666	63	639	702
Kentucky	73	845	918	93	862	955	113	873	986
Louisiana	61	1,248	1,309	89	1,337	1,426	95	1,409	1,504
Maine	10	181	191	11	185	196	20	194	214
Maryland	441	1,896	2,337	432	1,993	2,425	479	2,012	2,491
Massachusetts	457	3,900	4,357	572	3,836	4,408	722	3,711	4,433
Michigan	877	2,684	3,561	1,044	2,705	3,749	1,154	2,750	3,904
Minnesota	231	1,880	2,111	226	1,836	2,062	323	1,870	2,193
Mississippi	23	368	391	27	375	402	31	401	432
Missouri	329	1,845	2,174	337	1,931	2,268	367	1,866	2,233
Nebraska	60	421	481	55	436	491	47	452	499
Nevada	7	71	78	20	73	93	40	72	112
New Hampshire	13	211	224	16	226	242	12	226	238
New Jersey	1,182	1,277	2,459	1,260	1,284	2,544	1,377	1,226	2,603
New Mexico	11	328	339	17	342	359	20	366	386
New York	4,853	8,992	13,845	5,447	8,912	14,359	6,168	8,637	14,805
North Carolina	108	1,949	2,057	121	2,030	2,151	152	2,059	2,211
North Dakota	33	69	102	40	76	116	50	70	120
Ohio	656	3,743	4,399	860	3,875	4,735	908	3,820	4,728
Oklahoma	67	587	654	87	578	665	107	576	683
Oregon	28	556	584	34	582	616	30	618	648
Pennsylvania	1,000	5,533	6,533	1,140	5,682	6,822	1,419	5,817	7,236
Puerto Rico	239	547	786	259	537	796	269	510	779
Rhode Island	71	434	505	86	451	537	123	453	576
South Carolina	35	804	839	38	815	853	63	845	908
South Dakota	8	68	76	12	72	84	11	74	85
Tennessee	209	1,433	1,642	249	1,499	1,748	275	1,523	1,798
Texas	537	4,456	4,993	713	4,693	5,406	845	5,014	5,859
Utah	4	325	329	26	504	530	32	528	560
Vermont	23	484	507	12	228	240	25	240	265
Virginia	13	221	234	131	1,555	1,686	185	1,566	1,751
Washington	117	1,565	1,682	49	1,288	1,337	65	1,350	1,415
West Virginia	41	1,214	1,255	107	357	464	121	375	496
Wisconsin	99	340	439	269	1,248	1,517	306	1,277	1,583
Wyoming	268	1,237	1,505	1	41	42	1	37	38
Unidentified Military	1	42	43	3	193	196	2	172	174
TOTAL	**15,989**	**75,870**	**91,859**	**18,110**	**77,143**	**95,253**	**20,902**	**77,911**	**98,813**

Source: Association of American Medical Colleges Graduate Medical Education Tracking Census

Update: 1/94

TABLE G1
MEAN HOUSESTAFF STIPENDS IN COTH HOSPITALS

Academic Calendar Year	1st Post-MD Year	2nd Post-MD Year	3rd Post-MD Year	4th Post-MD Year	5th Post-MD Year	6th Post-MD Year
1968-69	$ 6,200	$ 6,800	$ 7,300	$ 7,800	$ 8,400	$ 8,800
1969-70	7,325	7,925	9,007	8,441	9,621	10,140
1970-71	8,115	8,759	9,274	9,824	10,419	11,008
1971-72	9,198	9,892	10,475	11,065	11,659	12,198
1972-73	9,698	10,398	11,006	11,592	12,267	12,883
1973-74	10,114	10,876	11,536	12,172	12,819	13,456
1974-75	10,692	11,454	12,128	12,783	13,462	14,133
1975-76	11,685	12,521	13,338	14,057	14,769	15,633
1976-77	12,628	13,539	14,428	15,125	15,946	16,792
1977-78	13,186	14,152	15,017	15,842	16,644	17,590
1978-79	13,965	14,948	15,826	16,665	17,488	18,464
1979-80	14,853	15,897	16,825	17,731	18,616	19,513
1980-81	16,188	17,293	18,284	19,284	20,204	21,309
1981-82	17,641	18,883	19,968	21,019	22,086	23,184
1982-83	18,961	20,307	21,498	22,640	23,707	24,957
1983-84	19,919	21,278	22,499	23,699	24,864	26,064
1984-85	20,814	22,197	23,448	24,675	25,863	27,080
1985-86	21,456	22,893	24,157	25,414	26,616	27,793
1986-87	21,994	23,460	24,798	26,057	27,220	28,471
1987-88	22,716	24,216	25,574	26,879	28,165	29,482
1988-89	23,607	25,126	26,498	27,826	29,149	30,565
1989-90	24,649	26,222	27,659	29,043	30,409	31,867
1990-91	25,858	27,441	28,894	30,425	31,858	33,277
1991-92	27,211	28,730	30,191	31,749	33,098	34,521
1992-93	28,618	30,226	31,795	33,409	34,858	36,258
1993-94	29,632	31,203	32,814	34,407	35,840	37,363

Source: COTH Survey of Housestaff Stipends, Benefits and Funding, AAMC Division of Clinical Services.

Update: 12/93

TABLE G2
MEAN FIRST POST-MD YEAR HOUSESTAFF STIPENDS IN COTH HOSPITALS BY REGION AND OWNERSHIP

1993-94

OWNERSHIP	Northeast	South	Midwest	West	All Regions
All Hospitals	$ 31,687	$ 27,716	$ 29,033	$ 28,370	$ 29,632
State	31,212	27,552	27,941	27,939	28,355
Municipal	33,489	28,403	28,742	28,296	29,538
Church	32,506	28,206	29,744	*	30,133
Other Non-profit	31,527	27,708	29,188	29,104	30,197
Veterans Affairs	31,458	27,398	29,017	28,345	28,943

1992-93

OWNERSHIP	Northeast	South	Midwest	West	All Regions
All Hospitals	$ 30,916	$ 26,669	$ 27,723	$ 28,187	$ 28,618
State	29,660	26,429	26,448	27,355	26,997
Municipal	33,772	27,366	27,140	27,961	28,544
Church	31,389	27,561	28,418	*	29,109
Other Non-profit	30,611	26,686	27,922	28,371	29,111
Veterans Affairs	32,102	26,136	28,234	28,402	28,208

* Too few respondents to report data.

Source: COTH Survey of Housestaff Stipends, Benefits and Funding. AAMC Division of Clinical Services.

Update: 12/93

TABLE G3
FUNDING SOURCES FOR HOUSESTAFF STIPENDS AND BENEFITS IN NONFEDERAL HOSPITALS

	1987-88		1992-93	
FUNDING SOURCE	Residents	Clinical Fellows	Residents	Clinical Fellows
Patient Revenues and General Operating Appropriations	81.4%	66.5%	82.0%	64.9%
State Appropriations Earmarked for House Staff Expenses	3.9	5.2	2.4	4.3
Veterans Affairs Appropriations	2.9	3.3	3.2	3.7
Municipal Appropriations Earmarked for House Staff Expenses	0.6	0.0	1.9	1.3
Medical School/University Funds	2.5	4.6	1.4	4.0
Physician Fee Revenue	0.7	6.4	1.1	8.8
NIH	0.3	4.0	0.2	3.4
Federal Agencies other than NIH, VA	0.2	0.7	0.8	2.6
Foundation Grants, Voluntary Agencies	0.3	4.6	0.2	1.4
Endowment Income	---	---	0.1	1.5
Other	7.8	4.5	6.7	4.3
TOTAL	100.0%	100.0%	100.0%	100.0%
Number of Hospitals	272	98	207	91

Note: Details may not add due to rounding.

Source: COTH Survey of Housestaff Stipends, Benefits and Funding, AAMC Division of Clinical Services

Update: 1/94

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TABLE G4
DISTRIBUTION OF U.S. HOSPITALS BY TEACHING STATUS, REGION, OWNERSHIP AND BEDSIZE, 1991

	SHORT-TERM NON-FEDERAL HOSPITALS					
	COTH MEMBERS			NON-COTH MEMBERS		
CHARACTERISTIC	Academic Medical Centers	Other COTH	All COTH+	Teaching	Non Teaching	All Hospitals
NUMBER OF HOSPITALS	120	165	285	713	4,134	5,132
Region						
Northeast	30%	45%	39%	25%	11%	14%
South	33	20	26	28	40	38
Midwest	23	27	25	31	29	29
West	13	8	10	17	19	19
Hospital Ownership						
State	31	0	13	1	1	1
Municipal/County	15	10	12	9	30	26
Church	3	21	13	24	10	12
Other Non-Profit	50	68	61	60	44	47
Investor	2	1	1	6	15	13
Hospital Bed Size						
Under 100	0	0	0	5	54	45
100-199	0	1	0	19	27	24
200-399	27	21	23	48	17	22
400-499	16	22	20	15	1	4
500 or More	57	56	56	12	1	5
Metropolitan Statistical Area (MSA)						
Under 249,999	8	7	7	18	9	10
250,000 - 999,999	30	29	30	32	15	18
1M - 2,5000,000	30	26	27	22	11	14
Over 2,5000,000	30	37	34	20	7	10
Not in MSA (Rural)	2	1	2	8	58	48

Note: COTH hospitals represent six percent of these hospitals.

\+ Does not include 20 COTH children's general medical surgery hospitals or 11 COTH other specialty hospitals.

Source: AAMC analysis of the 1991 American Hospital Association data. AAMC Division of Clinical Services.

Updated: 1/93

TABLE G4
DISTRIBUTION OF U.S. HOSPITALS BY TEACHING STATUS, REGION, OWNERSHIP AND BEDSIZE, 1991

	CHILDREN'S HOSPITALS			VETERAN'S HOSPITALS			
CHARACTERISTIC	COTH Children's Hospital	Non-COTH Children's Hospital	All Children's Hospitals	COTH VA+	Other Teaching VA	Non Teaching VA	All VA Hospitals
NUMBER OF HOSPITALS	20	27	47	71	31	27	129
Region							
Northeast	20%	7%	13	20%	13%	19%	18
South	30	33	32	38	42	26	36
Midwest	40	30	34	24	26	26	25
West	10	30	21	18	19	30	21
Hospital Ownership							
State	0	0	0	--	--	--	--
Municipal/County	0	0	0	--	--	--	--
Church	0	0	0	--	--	--	--
Other Non-Profit	100	100	100	--	--	--	--
Investor	0	0	0	--	--	--	--
Hospital Bed Size							
Under 100	0	22	13	0	0	4	1
100-199	20	59	43	6	35	48	22
200-399	80	19	45	32	26	37	32
400-499	0	0	0	8	10	7	9
500 or More	0	0	0	54	29	4	37
Metropolitan Statistical Area (MSA)							
Under 249,999	0	0	0	7	39	15%	16
250,000 - 999,999	15	44	32	38	32	15	32
1M - 2,5000,000	45	56	51	32	10	0	20
Over 2,5000,000	40	0	17	21	0	0	12
Not in MSA (Rural)	0	0	0	1	19	70	20

Note: General medical surgical children's hospitals. Does not inlcude long-term care or specialty VA hospitals. COTH children's hospitals respresent 43 percent of these hospitals. COTH member VA hospitals represent 55 percent of all VA hospitals.

\+ Does not include 1 COTH VA specialty hospital.

Source: AAMC analysis of 1991 American Hospital Association data. AAMC Division of Clinical Services.

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TABLE G5
SELECTED SERVICES OFFERED IN U.S. HOSPITALS BY TEACHING STATUS, 1991
PERCENTAGE OF HOSPITALS WITH SERVICE

	SHORT-TERM NON-FEDERAL HOSPITALS						
	COTH MEMBERS			NON-COTH MEMBERS			
CHARACTERISTIC	Academic Medical Centers	Other COTH	All COTH*	Teaching	Non Teaching	All Hospitals	COTH as a PCT of All Hospitals
NUMBER OF HOSPITALS	120	165	285	713	4,134	5,132	6%
AIDS Services							
General Inpatient Care	98%	98%	98%	95%	65%	71%	8%
Dedicated Inpatient Unit	32	13	21	2	1	2	54
Outpatient Program	66	38	50	12	1	6	50
HIV Testing	97	84	89	77	51	57	9
Cardiac Services							
Cardiac Catheterization Lab	95%	89%	92%	64%	19%	30%	18%
Non-Invasive Card. Assessment	94	95	95	88	56	62	9
Open Heart Surgery	92	72	80	43	8	17	27
Angioplasty	94	74	82	47	12	21	23
Cardiac Rehabilitation	76	80	78	70	39	46	10
Diagnostic Radiology Services							
CT Scanner	98%	99%	99%	95%	70%	75%	8%
Diag. Radioisotope Facility	97	96	96	90	58	64	9
MRI	80	61	69	37	15	21	19
PET Scanner	17	6	11	2	1	2	38
SPECT Scanner	66	55	59	46	17	24	14
Ultrasound	97	100	99	96	84	86	7
Emergency and Trauma Services							
Emergency Department	97%	100%	99%	98%	96%	96%	6%
Certified Trauma Center	66	55	60	24	8	14	25
Level of Trauma Center:							
Regional	96	69	81	20	7	28	69
Community	1	30	17	72	59	52	8
Rural	3	1	2	8	28	17	3
Geriatric Services							
Adult Day Care	5%	19%	13%	9%	6%	7%	11%
Alzheimer's Diag. Services	59	39	47	16	5	9	31
Geriatric Assessment	53	55	54	33	14	19	16
Emergency Resp. for Elderly	22	43	34	42	38	38	5
Geriatric Acute Care Unit	28	21	24	13	9	10	13
Geriatric Clinics	47	37	41	14	3	7	34
Respite Care	2	17	11	12	19	18	3
Senior Membership Program	13	39	28	46	20	24	7
Obstetrics, Reproductive Services & Women's Health							
Fertility Counseling	79%	70%	74%	26%	5%	12%	37%
In Vitro Fertilization	62	29	43	9	2	5	47
Sterilization	86	74	79	54	38	43	11
Women's Health Center	54	56	55	43	18	24	14
Birthing Room	80	86	83	76	67	69	7

* Does not include 20 COTH children's general medical surgery hospitals or 11 COTH other specialty hospitals.

Source: AAMC analysis of 1991 American Hospital Association data. AAMC Division of Clinical Services.

Update: 1/93

TABLE G5
SELECTED SERVICES OFFERED IN U.S. HOSPITALS BY TEACHING STATUS, 1991
PERCENTAGE OF HOSPITALS WITH SERVICE

	CHILDREN'S HOSPITALS				VETERAN'S HOSPITALS				
CHARACTERISTIC	COTH Children's Hospital	Non-COTH Children's Hospital	All Children's Hospitals	PCT	COTH VA+	Other Teaching VA	Non Teaching VA	All VA Hospitals	PCT
NUMBER OF HOSPITALS	20	27	47	43%	71	31	27	129	55%
AIDS Services									
General Inpatient Care	100%	89%	94%	45%	98%	93%	96%	97%	55%
Dedicated Inpatient Unit	5	4	4	50	20	0	0	11	100
Outpatient Program	65	37	49	57	77	25	15	51	82
HIV Testing	80	78	79	43	91	75	74	83	59
Cardiac Services									
Cardiac Cathertization Lab	100%	48%	70%	61%	91%	18%	0%	54%	92%
Non-Invasive Card. Assess.	95	78	85	48	98	93	74	92	59
Open Heart Surgery	90	59	72	53	59	4	0	33	98
Angioplasty	70	30	47	64	67	4	0	37	98
Cardiac Rehabilitation	25	22	23	45	79	54	44	65	66
Diagnostic Radiology Service									
CT Scanner	90%	74%	81%	47%	100%	93%	59%	89%	61%
Diag. Radioisotope Facility	80	67	72	47	92	96	52	84	60
MRI	60	41	49	52	32	0	0	17	100
PET Scanner	0	4	2	0	11	0	0	6	100
SPECT Scanner	40	19	28	62	45	43	7	36	68
Ultrasound	95	85	89	45	97	100	89	96	55
Emergency and Trauma Services									
Emergency Department	90%	70%	79%	49%	89%	75%	52%	78%	63%
Certified Trauma Center	50	33	40	53	3	0	4	2	67
Level of Trauma Center:									
Regional	100	64	81		33	---	0%	20%	
Community	0	36	19		67	---	50	60	
Rural	0	0	0		0	---	50	20	
Geriatric Services									
Adult Day Care	---	---	---	---	27%	11%	11%	20%	75%
Alzheimer's Diag. Services	---	---	---	---	64	36	22	48	72
Geriatric Assessment	---	---	---	---	86	61	67	76	62
Emergency Resp. for Elderly	---	---	---	---	18	11	0	12	80
Geriatric Acute Care Unit	---	---	---	---	65	36	19	48	74
Geriatric Clinics	---	---	---	---	82	46	52	67	67
Respite Care	---	---	---	---	79	79	81	79	54
Senior Membership Program	---	---	---	---	5	4	0	3	75
Obstetrics, Reproductive Services & Women's Health									
Fertility Counseling	0%	7%	4%	0%	3%	4%	0%	2%	67%
In Vitro Fertilization	0	7	4	0	2	11	0	3	0
Sterilization	0	4	2	0	3	0	0	2	100
Women's Health Center	0	7	4	0	50	32	44	45	61
Birthing Room	0	4	2	0	8	11	0	7	63

Note: General medical surgical children's hospitals. VA does not include long-term care or specialty hospitals.

\+ Does not include 1 COTH VA specialty hospital.

Source: AAMC analysis of 1991 American Hospital Association data. AAMC Division of Clinical Services.

TABLE G5
SELECTED SERVICES OFFERED IN U.S. HOSPITALS BY TEACHING STATUS, 1991
PERCENTAGE OF HOSPITALS WITH SERVICE

	SHORT-TERM NON-FEDERAL HOSPITALS						
	COTH MEMBERS			NON-COTH MEMBERS			
CHARACTERISTIC	Academic Medical Centers	Other COTH	All COTH*	Teaching	Non Teaching	All Hospitals	COTH as a Pct of All Hospitals
NUMBER OF HOSPITALS	120	165	285	713	4,134	5,132	6%
Outpatient Services							
Hospital-based OP Care	93%	97%	95%	96%	84%	86%	6%
Freestanding OP Center	40	43	42	32	10	15	16
Outpatient Surgery	100	100	100	100	96	97	6
Rehab OP Services	89	88	88	77	44	51	10
Psychiatric OP Services	73	72	72	40	13	20	21
Psychiatric Services							
Child Psychiatry	65%	56%	60%	35%	12%	18%	19%
Psych. Consultation	86	89	88	58	22	31	16
Psych. Education	68	72	70	46	15	23	18
Psych. Emergency	80	83	82	59	27	35	14
Psych. Geriatrics	66	68	67	44	16	23	17
Psych. OP	73	72	72	40	13	20	21
Radiation Therapy Services							
Megavoltage Radiation	83%	81%	82%	45%	11%	20%	24%
Raioactive Implant	91	86	88	55	16	26	20
Stereotactic Radiosurgery	51	24	35	13	2	6	37
Therap. Radioisotope Facil	88	88	88	57	17	26	19
X-Ray Radiation Therapy	77	81	79	43	11	20	23
Rehabilitation Services							
Rehab Outpatient	89%	88%	88%	77%	44%	51%	10%
Substance Abuse OP Services	41	54	48	39	17	22	13
Surgical Services							
Outpatient Surgery	100%	100%	100%	100%	96%	97%	6%
Orthopedic Surgery	99	100	99	98	73	78	7
Kidney Transplant	82	21	47	8	1	4	65
Other Organ Transplant	72	26	45	8	2	5	48
Tissue Transplant	66	23	41	11	3	6	38
Bone Marrow Transplant	59	19	36	7	1	3	60
Other Services							
Extracorporeal Shockwave	54%	21%	35%	12%	5%	8%	26%
Genertic Counseling	82	57	68	20	3	9	43
Hemodialysis	88	84	86	59	17	27	18
Medicare SNG	10	21	17	22	27	25	4
Sports Medicine Clinic	60	38	47	33	17	21	13

* Does not include 20 COTH children's general medical surgery hospitals or 11 COTH other specialty hospitals.

Source: AAMC analysis of 1991 American Hospital Association data. AAMC Division of Clinical Services.

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TABLE G5
SELECTED SERVICES OFFERED IN U.S. HOSPITALS BY TEACHING STATUS, 1991
PERCENTAGE OF HOSPITALS WITH SERVICE

	CHILDREN'S HOSPITALS				VETERAN'S HOSPITALS				
CHARACTERISTIC	COTH Children's Hospital	Non-COTH Children's Hospital	All Children's Hospitals	PCT	COTH VA+	Other Teaching VA	Non Teaching VA	All VA Hospitals	PCT
NUMBER OF HOSPITALS	20	27	47	43%	71	31	27	129	55%
Outpatient Services									
Hospital-based OP Care	100%	93%	96%	44%	100%	100%	96%	99%	55%
Freestanding OP Center	60	37	47	55	42	36	19	36	65
Outpatient Surgery	100	96	98	43	86	100	93	91	52
Rehab OP Services	85	70	77	47	97	96	93	96	55
Psychiatric OP Services	65	63	64	43	98	96	93	97	56
Psychiatric Services									
Child Psychiatry	65%	67%	66%	42%	3%	0%	0%	2%	100%
Psych. Consultation	80	67	72	47	94	96	78	91	56
Psych. Education	45	44	45	43	64	68	30	57	61
Psych. Emergency	55	48	51	46	91	86	41	79	63
Psych. Geriatrics	0	0	0	0	85	64	48	72	64
Psych. OP	65	63	64	43	98	96	93	97	56
Radiation Therapy Services									
Megavoltage Radiation	5%	4%	4%	50%	42%	0%	0%	23%	100%
Raioactive Implant	10	11	11	40	48	4	0	27	97
Stereotactic Radiosurgery	0	7	4	0	14	0	0	7	100
Therap. Radioisotope Facil	10	11	11	40	56	11	4	34	90
X-Ray Radiation Therapy	10	7	9	50	36	0	0	20	100
Rehabilitation Services									
Rehab Outpatient	85%	70%	77%	47%	97%	96%	93%	96%	55%
Substance Abuse OP Services	5	0	2	100	97	86	81	91	58
Surgical Services									
Outpatient Surgery	100%	96%	98%	43%	86%	100%	93%	91%	52%
Orthopedic Surgery	100	85	91	47	97	79	44	81	65
Kidney Transplant	85	26	51	71	11	0	0	6	100
Other Organ Transplant	80	22	47	73	12	0	0	7	100
Tissue Transplant	50	19	32	67	11	0	0	6	100
Bone Marrow Transplant	65	22	40	68	5	0	0	2	100
Other Services									
Extracorporeal Shockwave	0%	0%	0%	0%	8%	0%	0%	4%	100%
Genertic Counseling	90	74	81	47	18	11	7	14	71
Hemodialysis	80	52	64	53	94	36	26	65	78
Medicare SNG	0	0	0	0	15	4	19	13	63
Sports Medicine Clinic	35	22	28	54	5	0	0	2	100

Note: General medical surgical children's hospitals. VA does not include long-term care or specialty hospitals.

\+ Does not include 1 COTH VA specialty hospital.

Source: AAMC analysis of 1991 American Hospital Association data. AAMC Division of Clinical Services.

TABLE G6
BED UTILIZATION IN U.S. HOSPITALS BY TEACHING STATUS, 1991

	SHORT-TERM NON-FEDERAL HOSPITALS					
	COTH MEMBERS			NON-COTH MEMBERS		
TOTAL FACILITY	Academic Medical Centers	Other COTH	All COTH*	Teaching	Non Teaching	All Hospitals
Number of Hospitals	120	165	285	713	4,134	5,132
Average Bedsize	616	562	585	315	122	174
Average LOS (Days)	7.98	7.60	7.77	6.97	6.95	7.12
Average Occupancy Rate	78.31%	78.46%	78.39%	66.98%	53.09%	56.43%
HOSPITALS WITH ACUTE CARE UNITS ONLY						
Number of Hospitals	104	132	236	578	2,799	3,583
Average Bedsize	607	540	570	305	118	176
Average LOS (Days)	7.83	7.45	7.63	6.69	5.91	6.50
Average Occupancy Rate	79.08%	78.68%	78.86%	66.99%	49.08%	53.78%
HOSPITALS WITH ACUTE AND LONG TERM CARE UNITS						
Number of Hospitals	12	28	40	127	1,024	1,191
Acute Units						
Average Bedsize	672	590	615	308	95	136
Average LOS (Days)	8.11	7.21	7.49	6.79	5.95	6.41
Average Occupancy Rate	78.08%	76.91%	77.29%	66.39%	54.93%	61.11%
Longe Term Care Units						
Average Bedsize	118	87	96	62	49	52
Average LOS (Days)	101	76	83	62	124	107
Average Occupancy Rate	73.96%	89.08%	83.51%	85.62%	88.99%	88.22%

* Does not include 20 COTH children's general medical surgery hospitals or 11 COTH other specialty hospitals.

Source: AAMC analysis of 1991 American Hospital Association data. AAMC Division of Clinical Services.

Update: 1/93

TABLE G6
BED UTILIZATION IN U.S. HOSPITALS BY TEACHING STATUS, 1991

	CHILDREN'S HOSPITALS			VETERAN'S HOSPITALS			
TOTAL FACILITY	COTH Children's Hospital	Non-COTH Children's Hospital	All Children's Hospitals	COTH VA+	Non Teaching VA	Other Teaching VA	All VA Hospitals
Number of Hospitals	20	27	47	71	31	27	129
Average Bedsize	245	145	187	565	399	247	458
Average LOS (Days)	6.20	6.14	6.18	17.78	21.54	21.30	18.82
Average Occupancy Rate	77.31	71.87	74.18	73.42	72.55	72.63	73.04
HOSPITALS WITH ACUTE CARE UNITS ONLY							
Number of Hospitals	---	---	---	17	6	4	27
Average Bedsize	---	---	---	322	163	138	259
Average LOS (Days)	---	---	---	11.94	10.70	10.22	11.60
Average Occupancy Rate	---	---	---	70.95	71.13	64.73	70.07
HOSPITALS WITH ACUTE AND LONG TERM CARE UNITS							
Number of Hospitals	---	---	---	49	22	23	94
Acute Units							
Average Bedsize	---	---	---	487	341	161	373
Average LOS (Days)	---	---	---	14.14	18.02	13.28	14.71
Average Occupancy Rate	---	---	---	71.68	70.02	68.96	71.04
Longe Term Care Units							
Average Bedsize	---	---	---	161	102	105	133
Average LOS (Days)	---	---	---	226	234	239	230
Average Occupancy Rate	---	---	---	79.11	87.55	87.83	82.29

* General medical surgical children's hospitals. COTH children's hospitals represent 42 percent of these hospitals. VA does not inlcude long-term care or specialty hospitals. COTH member VA hospitals represent 55 percent of all VA hospitals.

\+ Does not include one COTH VA specialty hospital.

Source: AAMC analysis o 1991 American Hospital Association data. AAMC Division of Clinical Services.

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TABLE G7
SELECTED CHARACTERISTICS OF U.S. HOSPITALS BY TEACHING STATUS
AVERAGE INPATIENT AND OUTPATIENT UTILIZATION DATA, 1991

	SHORT-TERM NON-FEDERAL HOSPITALS						
	COTH MEMBERS			NON-COTH MEMBERS			
CHARACTERISTIC	Academic Medical Centers	Other COTH	All COTH+	Teaching	Non Teaching	All Hospitals	COTH as a PCT of All Hospitals
NUMBER OF HOSPITALS	120	165	285	713	4,134	5,132	6%
Inpatient Utilization							
Total Facility Admissions	22,277	21,201	21,654	11,465	3,861	5,905	20%
Number of Births	2,993	3,089	3,049	1,542	468	761	22%
% Medicare Discharges	24%	31%	28%	34%	38%	35%	
% Medicaid Discharges	24%	18%	21%	15%	13%	15%	
Outpatient Utilization							
Total OP Visits	268,369	230,534	236,279	106,445	35,498	56,204	23%
Total Emergency Visits	49,659	50,752	50,292	29,566	12,437	16,717	17%
Total OP Visits Compared to Total Facility Admissions	12%	11%	11%	10%	10%	10%	
Surgical Operations							
Total Surgical Operations	14,211	14,159	14,181	8,431	2,841	4,248	19%
% Inpatient	62%	53%	57%	49%	44%	48%	
% Outpatient	38%	47%	43%	51%	56%	52%	
Hospital Expenses							
Average Total Cost per Adjusted Patient Day	$ 1,107	$ 908	$ 995	$ 778	$ 628	$ 743	
Average Total Cost per Adjusted Admission	$ 8,813	$ 6,894	$ 7,717	$ 5,409	$ 4,345	$ 5,267	

	CHILDREN'S HOSPITALS				VETERAN'S HOSPITALS				
CHARACTERISTIC	COTH Children's Hospital	Non-COTH Children's Hospital	All Children's Hospitals	PCT	COTH VA+	Other Teaching VA	Non Teaching VA	All VA Hospitals	PCT
NUMBER OF HOSPITALS	20	27	47	43%	71	31	27	129	55%
Inpatient Utilization									
Total Facility Admissions	11,094	6,492	8,450	56%	8,486	4,990	3,203	6,540	71%
Number of Births	0	218	125	0	0	0	0	0	
% Medicare Discharges	1%	8%	4%	4	0	0	0	0	
% Medicaid Discharges	33%	37%	35%	44	0	0	0	0	
Outpatient Utilization									
Total OP Visits	154,241	91,293	118,079	58%	197,137	103,774	52,171	144,359	75%
Total Emergency Visits	45,616	24,724	33,614		11,046	5,842	1,861	7,873	77%
Total OP Visits Compared to Total Facility Admission	14	14	14		23	21	19	22	
Surgical Operations									
Total Surgical Operations	9,044	5,435	6,971	55%	6,100	3,347	1,868	4,590	74%
% Inpatient	47%	39%	44%		48%	48%	49%	47%	
% Outpatient	53%	61%	56%		54%	55%	53%	54%	
Hospital Expenses									
Average Total Cost per Adjusted Patient Day	$ 1,493	$ 1,313	$ 1,413		---	---	---	---	
Average Total Cost per Adjusted Admission	$ 9,208	$ 8,033	$ 8,684		---	---	---	---	
Average Total Cost per Inpatient Day	---	---	---		$ 677	$ 487	$ 398	$ 605	
Average Total Cost per Inpatient Admission	---	---	---		$ 12,018	$ 10,372	$ 8,435	$ 11,349	

Note: General medical surgical children's hospitals. VA does not include long-term care or specialty hospitals.
\+ Does not inlcude one COTH VA specialty hospital.

Source: AAMC analysis of 1991 American Hospital Association data. AAMC Division of Clinical Services.

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TABLE G8
AVERAGE BEDSIZE BY UNIT IN U.S. HOSPITALS BY TEACHING STATUS, 1991

	SHORT-TERM NON-FEDERAL HOSPITALS						
	COTH MEMBERS			NON-COTH MEMBERS			
CHARACTERISTIC	Academic Medical Centers	Other COTH	All COTH+	Teaching	Non Teaching	All Hospitals	COTH as a PCT of All Hospitals
NUMBER OF HOSPITALS	120	165	285	713	4,134	5,132	6%
Hospital Acute Care Units							
General Adult	350	337	342	184	76	106	19%
General Pediatric	40	26	32	15	4	7	25%
Obstetric	40	40	40	22	8	12	19%
Intensive Care Units							
Medical/Surgical	35	27	30	16	7	9	19%
Cardiac	10	11	11	5	1	2	27%
Neonatal Intensive	22	15	18	6	1	2	45%
Neonatal Intermediate	8	4	6	2	0	1	38%
Pediatric	7	2	4	1	0	0	54%
Burn	5	2	3	0	0	0	64%
Hospital Subacute Care Units							
Rehabilitation	19	12	15	9	2	4	24%
Psychiatric	49	40	43	21	6	10	25%
Alcohol/Substance Abuse	3	8	6	8	3	4	10%

	CHILDREN'S HOSPITALS				VETERAN'S HOSPITALS				
CHARACTERISTIC	COTH Children's Hospital	Non-COTH Children's Hospital	All Children's Hospitals	PCT	COTH VA+	Other Teaching VA	Non Teaching VA	All VA Hospitals	PCT
NUMBER OF HOSPITALS	20	27	47	43%	71	31	27	129	55%
Hospital Acute Care Units									
General Adult	0	0	0	0%	234	133	93	179	71%
General Pediatric	161	86	118	58%	0	0	0	0	
Obstetric	0	6	4	0%	0	0	0	0	
Intensive Care Units									
Medical/Surgical	1	0	1	100%	19	11	7	14	72%
Cardiac	1	0	1	100%	4	1	0	3	88%
Neonatal Intensive	32	22	26	52%	0	0	0	0	
Neonatal Intermediate	8	3	5	69%	0	0	0	0	
Pediatric	18	14	16	48%	0	0	0	0	
Burn	4	1	2	67%	0	0	0	0	
Hospital Subacute Care Units									
Rehabilitation	5	5	5	44%	12	5	3	8	80%
Psychiatric	8	5	6	52%	72	50	18	55	71%
Alcohol/Substance Abuse	0	1	1	0%	33	20	13	25	70%

* Does not include 20 COTH children's general medical surgery hospitals or 11 COTH other specialty hospitals.

\+ Does not inlcude on COTH VA specialty hospital.

Source: AAMC analysis of 1991 American Hospital Association data. AAMC Division of Clinical Services.

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TABLE G9
STAFFING CHARACTERISTICS IN U.S. HOSPITALS BY TEACHING STATUS, 1991

	SHORT-TERM NON-FEDERAL HOSPITALS						
	COTH MEMBERS			NON-COTH MEMBERS			
CHARACTERISTIC	Academic Medical Centers	Other COTH	All COTH+	Teaching	Non Teaching	All Hospitals	COTH as a PCT of All Hospitals
NUMBER OF HOSPITALS	120	165	285	713	4,134	5,132	6%
All Staff							
Average Total FTEs	3,415	2,773	3,043	1,273	392	661	26%
FTE per Bed	5.54	4.93	5.20	4.04	3.20	3.78	
FTE per Occupied Bed	7.02	6.27	6.61	5.81	5.33	5.74	
Nursing Personnel							
Average Total FTEs	949	740	828	363	115	189	24%
FTE per Occupied Bed	1.95	1.67	1.80	1.66	1.57	1.64	
All Nurses as a percent of all Hospital Staff	27.78	26.70	27.21	28.52	29.38	28.60	
RNs as a percent of all Nurses	89.91	89.26	89.57	84.32	79.55	83.26	
Physicians							
Average Housestaff+	253	117	174	20	0	13	76%
Average Medical Staff	629	464	534	236	73	121	24%
Average Total Board Certified Medical Staff	508	359	422	180	54	92	25%
Board Certified as a percent of all Medical Staff	80.80	77.41	79.09	76.23	74.13	75.91	

	CHILDREN'S HOSPITALS				VETERAN'S HOSPITALS				
CHARACTERISTIC	COTH Children's Hospital	Non-COTH Children's Hospital	All Children's Hospitals	PCT	COTH VA#	Other Teaching VA	Non Teaching VA	All VA Hospitals	PCT
NUMBER OF HOSPITALS	20	27	47	43%	71	31	27	129	55%
All Staff									
Average Total FTEs	1,962	1,071	1,450	57%	1,660	898	502	1,234	74%
FTE per Bed	8.02	7.39	7.74		2.94	2.25	2.03	2.69	
FTE per Occupied Bed	10.44	9.81	10.16		4.02	3.08	2.70	3.67	
Nursing Personnel									
Average Total FTEs	588	308	414	57%	360	193	109	268	74%
FTE per Occupied Bed	2.97	2.82	2.90		0.87	0.66	0.59	0.80	
All Nurses as a percent of a Hospital Staff	28.4	28.8	28.6		21.71	21.49	21.73	21.67	
RNs as a percent of all Nurses	95.3	95.2	94.2		79.08	76.19	72.54	78.02	
Physicians									
Average Housestaff+	52.65	14.04	30.47	74%	91	22	2	56	90%
Average Medical Staff	344.45	212.33	268.55	53%	135	52	21	91	81%
Average Total Board Certified Medical Staff	257.25	178.78	212.17	50%	106	40	14	71	82%
Board Certified as a percent all Medical Staff	74.7	84.2	79.0		78.8	76.8	64.2	77.8	

Note: General medical surgical children's hospitals. VA dos not include long-term care or specialty hospitals.

* Does not include 20 COTH children's general medical surgery hospitals, or 11 COTH other specialty hospitals.

\+ Housestaff inlcude full time equivalent dental residents and interns.

\# Does not include one COTH VA specialty hospital.

Source: AAMC analysis of 1991 American Hospital Association data. AAMC Division of Clinical Services.

Update: 1/93

TABLE G10
DISTRIBUTION OF HOUSESTAFF BY SPECIALTY TRAINING PROGRAM
COMPARISON OF MEAN HOUSESTAFF PER U.S. HOSPITAL, 1992

	Nonfederal COTH Hospitals*	COTH Children's Hospitals	COTH VA Hospitals
Allergy/Immunology	4.6	2.6	1.3
Anesthesiology	27.1	4.0	6.9
Colon and Rectal Surgery	1.7	0.0	1.0
Dentistry/Oral Surgery	5.7	1.5	4.6
Dermatology	5.8	0.0	2.9
Dermatopathology	2.1	0.0	1.0
Emergency Medicine	18.5	3.6	6.4
Family Practice	16.7	2.4	5.8
Internal Medicine	70.5	2.1	53.4
Neurological Surgery	5.6	1.1	1.8
Neurology	8.3	2.8	5.0
Obstetrics-Gynecology	15.7	0.0	5.0
Ophthalmology	7.6	2.6	6.8
Orthopaedics	11.5	3.7	3.3
Otolaryngology	6.0	2.4	3.8
Pathology	12.5	2.2	3.3
Pediatrics	31.3	67.7	4.4
Physical Medicine/Rehabilitation	6.3	1.3	0.0
Plastic Surgery	3.0	1.2	1.3
Podiatry	6.3	0.0	3.8
Preventive Medicine	5.9	0.0	3.0
Psychiatry	20.0	4.2	11.8
Radiation Oncology	6.9	0.0	2.2
Radiology	17.3	3.7	7.2
Surgery	24.0	3.4	11.5
Thoracic Surgery	3.0	1.6	1.5
Urology	5.2	2.0	2.7
Transitional	8.7	0.0	7.8
Other	6.9	0.0	4.4
TOTAL	221.4	90.4	127.8
Number of Respondents	203	8	40

* Excluding Children's Hospitals.

Source: COTH Survey of Housestaff Stipends, Benefits and Funding. AAMC Division of Clinical Services

Update: 1/94

TABLE G11
CHARITY DEDUCTIONS AND BAD DEBT EXPENSES FOR SHORT-TERM GENERAL NON-FEDERAL U.S. HOSPITALS*, 1991
(DOLLARS IN THOUSANDS)

	COTH MEMBERS			NON-COTH MEMBERS			
	Academic Medical Centers	Other COTH	All COTH#	Teaching	Non Teaching	All Hospitals	COTH as a Percent of All Hospitals
Number of Hospitals	120	165	285	713	4,134	5,132	6%
Average Deductions for Charity Care	17,397,552	6,055,939	10,831,355	2,542,162	490,863	1,350,102	45%
Average Bad Debt Expenses	15,880,434	10,661,528	12,858,962	4,509,642	1,431,155	2,493,487	29%
Average Total Gross Patient Revenue	347,101,837	274,298,620	304,952,606	124,579,073	37,619,283	64,546,860	26%

Charity Care and Bad Debt (Uncompensated Care) as a Percentage of Net Patient Revenue

	COTH MEMBERS			NON-COTH MEMBERS		
	Academic Medical Centers	Other COTH	All COTH#	Teaching	Non Teaching	All Hospitals
Average Uncompensated Care Percentage	9.59%	6.09%	7.77%	5.66%	5.11%	5.95%

* Does not include long-term care or specialty hospitals.

\# Does not include 20 COTH children's hospitals or 11 COTH specialty hospitals.

Source: AAMC Clinical Services Analysis of 1991 American Hospital Association data.

Update: 1/94

TABLE H1
NATIONAL HEALTH EXPENDITURES AGGREGATE, PER CAPITA, PERCENT DISTRIBUTION AND AVERAGE ANNUAL PERCENT CHANGE, BY SOURCE OF FUNDS

ITEM	1965	1970	1975	1980	1985	1989	1990	1991	1992	1993
					(Amount in Billions)					
National Health Expenditures	$ 41.6	$ 74.4	$132.9	$250.1	$422.6	$604.3	$675.0	$751.8	$819.9	$903.3
Private	31.3	46.7	77.8	145.0	248.0	351.0	390.0	421.8	443.5	482.2
Public	10.3	27.7	55.1	105.2	174.6	253.3	285.1	330.0	376.5	421.1
Federal	4.8	17.7	36.4	72.0	123.5	175.0	194.5	222.9	258.9	290.0
State and Local	5.5	9.9	18.7	33.2	51.2	78.3	90.5	107.1	117.5	131.1
					(Per Capita Amount)					
National Health Expenditures	$ 204	$ 346	$ 592	$1,064	$1,711	$2,352	$2,601	$2,868	$3,098	$3,380
Private	154	217	346	617	1,004	1,366	1,502	1,609	1,675	1,805
Public	50	129	245	447	707	986	1,098	1,259	1,422	1,576
Federal	24	83	162	306	500	681	749	850	978	1,085
State and Local	27	46	83	141	207	305	349	408	444	490
					(Percent Distribution)					
National Health Expenditures	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Private	75.3	62.8	58.5	58.0	58.7	58.1	57.8	56.1	54.1	53.4
Public	24.7	37.2	41.5	42.0	41.3	41.9	42.2	43.9	45.9	46.6
Federal	11.6	23.9	27.4	28.8	29.2	29.0	28.8	29.6	31.6	32.1
State and Local	13.2	13.3	14.1	13.3	12.1	13.0	13.4	14.2	14.3	14.5
					Average Annual Percent Change from Previous Year Shown					
U.S. Population*	1.4	1.2	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0
Gross National Product	6.5	7.0	9.5	10.4	8.3	7.2	5.2	2.8	4.1	5.9
National Health Expenditures	8.9	10.6	12.3	12.9	11.1	10.7	11.7	11.4	11.3	10.2
Private	8.9	8.6	10.7	12.0	11.3	10.0	11.1	8.2	7.4	8.7
Public	9.1	15.3	14.8	14.3	10.7	11.5	12.5	15.7	16.4	11.9
Federal	10.6	19.8	15.5	15.0	11.4	11.7	11.1	14.6	16.0	12.0
State and Local	7.9	10.2	13.5	12.8	9.0	11.1	15.6	18.3	17.2	11.5
					(Number in Millions)					
U.S. Population*	204.0	214.8	224.7	235.1	247.0	257.0	259.6	262.2	264.7	267.2
					(Amount in Billions)					
Gross National Product	$ 705	$1,011	$1,598	$2,708	$4,039	$5,251	$5,522	$5,677	$5,909	$6,259
					(Percent of Gross National Product)					
National Health Expenditures	5.9	7.4	8.3	9.2	10.5	10.7	12.2	13.2	13.9	14.4

* July 1 social security area population estimates.

Note: Numbers and percent may not add to totals because of rounding.

Source: Health Care Financing Administration, Office of the Actuary: Data from the Office of National Cost Estimates. Health Care Financing Review. 1980, 1985, 1989, 1990, 1991 data from Winter 1992, Volume 14, Number 2. 1992, 1993 data from Fall 1992, Volume 14, Number 1.

Update: 8/93

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TABLE H2
NATIONAL HEALTH EXPENDITURES AGGREGATE AND AVERAGE ANNUAL PERCENT CHANGE, BY TYPE OF EXPENDITURE

Type of Expenditure	1965	1970	1975	1980	1985	1989	1990	1991	1992	1993
	(Amount in Billions)									
National Health Expenditures	$41.6	$74.4	$132.9	$250.1	$422.6	$604.3	$675.0	$751.8	$819.9	$903.3
Health Services and Supplies	38.2	69.1	124.7	238.9	407.2	583.6	652.4	728.6	794.5	875.9
Personal Health Care	35.6	64.9	116.6	219.4	369.7	530.9	591.5	660.2	727.1	803.7
Hospital Care	14.0	27.9	52.4	102.4	168.3	232.4	258.1	288.6	324.2	358.8
Physician Services	8.2	13.6	23.3	41.9	74.0	116.1	128.8	142.0	151.8	167.3
Dental Services	2.8	4.7	8.2	14.4	23.3	31.6	34.1	37.1	38.7	41.0
Other Professional Services	0.9	1.5	3.5	8.7	16.6	27.1	30.7	35.8	40.2	44.9
Home Health Care	0.1	0.1	0.4	1.3	3.8	5.6	7.6	9.8	10.3	12.3
Drugs and Other Medical Nondurables	5.9	8.8	13.0	21.6	36.2	50.5	55.6	60.7	65.1	70.9
Vision Products and Other Medical Durables	1.2	2.0	3.1	4.6	7.1	10.4	11.7	12.4	13.0	13.9
Nursing Home Care	1.7	4.9	9.9	20.0	34.1	47.5	53.3	59.9	66.3	74.3
Other Personal Health Care	0.8	1.4	2.7	4.6	6.4	9.8	11.5	14.0	17.5	20.4
Program Administration and Net Cost of Private Health Insurance	1.9	2.8	5.1	12.2	25.2	33.8	38.9	43.9	45.1	48.0
Government Public Health Activities	0.6	1.4	3.0	7.2	12.3	18.9	22.0	24.5	22.4	24.2
Research and Construction	3.5	5.3	8.3	11.3	15.4	20.7	22.7	23.1	25.4	27.4
Research*	1.5	2.0	3.3	5.4	7.8	11.0	11.9	12.6	14.2	15.7
Construction	1.9	3.4	5.0	5.8	7.6	9.7	10.8	10.6	11.2	11.7
	(Average Percent Change from Previous Years Shown)									
National Health Expenditures	8.9	10.6	12.3	12.9	11.1	10.7	11.7	11.4	11.3	10.2
Health Services and Supplies	8.5	10.5	12.5	13.2	11.3	10.9	11.8	11.7	11.4	10.2
Personal Health Care	8.3	10.5	12.4	13.0	11.0	10.0	11.4	11.6	11.9	10.5
Hospital Care	8.6	11.7	13.4	13.9	10.4	9.6	11.1	11.8	13.7	10.7
Physician Services	9.2	9.9	11.4	11.9	12.1	10.4	11.0	10.2	9.9	10.2
Dental Services	7.3	9.1	12.1	11.9	10.1	7.5	7.7	8.8	5.5	6.0
Other Professional Services	7.4	9.6	18.3	19.1	13.8	13.8	13.5	16.7	12.0	11.7
Home Health Care	9.6	14.5	23.2	25.2	23.3	24.4	34.4	29.0	21.5	18.9
Drugs and Other Medical Nondurables	6.8	7.6	8.1	9.4	10.8	9.1	10.3	9.0	9.1	8.9
Vision Products and Other Medical Durables	9.0	9.6	8.8	8.5	9.4	2.8	12.6	5.4	4.4	6.6
Nursing Home Care	11.6	17.4	15.4	15.2	11.3	11.1	12.3	12.4	11.5	12.1
Other Personal Health Care	3.5	7.1	14.6	12.8	6.9	11.8	17.4	21.9	27.5	16.5
Program Administration and Net Cost of Private Health Insurance	10.5	9.0	12.8	16.0	15.5	25.7	15.3	12.7	5.2	6.3
Government Public Health Activities	10.8	13.9	17.0	18.0	11.3	14.3	16.0	11.6	7.6	8.3
Research and Construction	15.2	12.1	9.2	7.8	6.4	4.2	9.6	2.1	9.0	7.9
Research*	17.1	10.9	11.2	10.8	7.4	6.2	8.0	6.1	9.1	10.3
Construction	13.9	12.8	8.0	5.6	5.4	1.9	11.5	-2.2	8.8	4.8

* Research and development expenditures of drug companies and other manufacturers and providers of medical equipment and supplies are excluded from "research expenditures," but they are included in the expenditure class in which the product falls.

NOTE: Numbers may not add to totals because of rounding.

Source: Health Care Financing Administration, Office of the Actuary: Data from the Office of National Cost Estimates. Health Care Financing Review. 1980, 1989, 1990, and 1991 data from Winter 1992, Volume 14, Number 2. 1992 and 1993 data from Fall 1992, Volume 14, Number 1.

Update: 8/93

TABLE H3
NATIONAL HEALTH EXPENDITURES BY SOURCE OF FUNDS AND TYPE OF EXPENDITURE

Year and Type of Expenditure	Total	PRIVATE					GOVERNMENT		
		All Private Funds	Consumer			Other	Total	Federal	State and Local
			Total	Direct	Private Insurance				
1990									
National Health Expenditures	$ 675.0	$ 390.0	$ 358.7	$ 136.5	$ 222.2	$ 31.3	$ 285.1	$ 194.5	$ 90.5
Health Services and Supplies	652.4	380.7	358.7	136.5	222.2	22.0	271.7	184.1	87.6
Personal Health Care	591.5	349.2	327.7	136.5	191.2	21.5	242.3	177.0	65.3
Hospital Care	258.1	118.6	104.7	10.3	94.3	13.9	139.5	104.0	35.5
Physician Services	128.8	84.8	84.8	24.1	60.7	0.0	44.0	34.9	9.1
Dental Services	34.1	33.2	33.2	18.6	14.6	---	0.8	0.5	0.4
Other Professional Services	30.7	24.0	20.4	9.0	11.4	3.6	6.7	5.1	1.6
Home Health Care	7.6	2.1	1.5	1.0	0.6	0.6	5.5	4.4	1.0
Drugs and Other Medical Nondurables	55.6	49.6	49.6	41.7	7.9	---	6.1	3.0	3.1
Vision Products and Other Medical Durables	11.7	8.8	8.8	7.7	1.2	---	2.9	2.5	0.4
Nursing Home Care	53.3	25.8	24.8	24.2	0.6	1.0	27.6	17.0	10.6
Other Personal Health Care	11.5	2.2	---	---	---	2.2	9.2	5.6	3.6
Program Administration and Net Cost of Private Health Insurance	38.9	31.5	30.9	---	30.9	0.6	7.4	4.7	2.7
Gov't Public Health Activities	22.0	---	---	---	---	---	22.0	2.4	19.6
Research and Construction	22.7	9.3	---	---	---	9.3	13.4	10.4	3.0
Research	11.9	0.8	---	---	---	0.8	11.0	9.6	1.4
Construction	10.8	8.4	---	---	---	8.4	2.4	0.8	1.5
1991									
National Health Expenditures	751.8	$421.8	388.6	$144.3	$244.4	$33.2	$330.0	$222.9	$107.1
Health Services and Supplies	728.6	412.7	388.6	144.3	244.4	24.1	315.9	212.0	103.9
Personal Health Care	660.2	377.0	353.5	144.3	209.3	23.4	283.3	204.1	79.1
Hospital Care	288.6	126.0	111.4	9.9	101.5	14.7	162.6	119.1	43.5
Physician Services	142.0	92.5	92.5	25.7	66.8	0.1	49.4	39.0	10.4
Dental Services	37.1	36.0	36.0	19.9	16.1	--	1.1	0.6	0.5
Other Professional Services	35.8	27.5	23.0	9.7	13.3	4.4	8.4	6.4	2.0
Home Health Care	9.8	2.7	2.0	1.2	0.7	0.7	7.1	5.7	1.3
Drugs and Other Medical Nondurables	60.7	53.3	53.3	44.3	9.0	--	7.3	3.6	3.7
Vision Products and Other Medical Durables	12.4	8.8	8.8	7.7	1.2	--	3.5	3.1	0.4
Nursing Home Care	59.9	27.6	26.5	25.8	0.6	1.1	32.3	19.5	12.8
Other Personal Health Care	14.0	2.4	--	--	--	2.4	11.6	7.0	4.6
Program Administration and Net Cost of Private Health Insurance	43.9	35.7	35.1	--	35.1	0.6	8.1	5.2	3.0
Gov't Public Health Activities	24.5	--	--	--	--	--	24.5	2.7	21.8
Research and Construction	23.1	9.1	--	--	--	9.1	14.0	10.9	3.2
Research	12.6	0.9	--	--	--	0.9	11.7	10.2	1.5
Construction	10.6	8.2	--	--	--	8.2	2.4	0.7	1.6
1992									
National Health Expenditures	$819.9	$443.5	$408.8	$155.9	$252.1	$35.5	$376.5	$258.9	$117.5
Health Services and Supplies	794.5	433.9	408.0	155.9	252.1	25.9	360.7	246.4	114.3
Personal Health Care	727.1	397.7	372.5	155.9	216.6	25.2	329.3	237.6	91.7
Hospital Care	324.2	135.5	119.3	14.9	104.3	16.3	188.7	137.7	51.0
Physician Services	151.8	94.4	94.3	27.4	66.9	0.1	57.4	46.4	11.0
Dental Services	38.7	37.3	37.3	20.3	17.0	--	1.4	0.8	0.6
Other Professional Services	40.2	31.0	26.5	10.5	16.0	4.5	9.2	6.8	2.3
Home Health Care	10.3	2.6	1.9	1.2	0.7	0.7	7.7	6.1	1.6
Drugs and Other Medical Nondurables	65.1	56.6	56.6	46.9	9.7	--	8.5	4.4	4.1
Vision Products and Other Medical Durables	13.0	9.7	9.7	8.5	1.2	--	3.3	3.0	0.3
Nursing Home Care	66.3	28.0	26.9	26.2	0.7	1.1	38.3	23.4	14.9
Other Personal Health Care	17.5	2.6	--	--	--	2.6	14.9	9.0	5.9
Program Administration and Net Cost of Private Health Insurance	45.1	36.1	35.5	--	35.5	0.6	9.0	5.8	3.2
Gov't Public Health Activities	22.4	--	--	--	--	--	22.4	2.9	19.4
Research and Construction	25.4	9.6	--	--	--	9.6	15.8	12.5	3.2
Research	14.2	1.0	--	--	--	1.0	13.3	11.5	1.7
Construction	11.2	8.7	--	--	--	8.7	2.5	1.0	1.5

Notes: 0.0 denotes less than $50 million. Research and development expenditures of drug companies and other manufacturers and providers of medical equipment and supplies are excluded from "research expenditures," but are included in the expenditure class in which the product falls. Numbers may not add to totals because of rounding.

Source: Health Care Financing Administration, Office of the Actuary: Data from the Office of National Cost Estimates. Health Care Financing Review. 1990 and 1991 data from Winter 1992, Volume 14, Number 2. 1992 data from Fall 1992, Volume 14, Number 1.

Update: 8/93

TABLE H4
PERSONAL HEALTH CARE EXPENDITURES AGGREGATE, PER CAPITA AND PERCENT DISTRIBUTION BY SOURCE OF FUNDS

Year	Total	Direct Patient Payments	THIRD PARTIES							
			All Third Parties	Private Health Insurance	Other Private Funds	GOVERNMENT			Medicare*	Medicaid+
						Total	Federal	State and Local		
					(AMOUNT IN BILLIONS)					
1980	$ 219.4	$ 59.5	$ 159.9	$ 65.3	$ 7.6	$ 87.1	$ 63.5	$23.6	$ 36.4	$ 24.8
1981	254.8	67.2	187.7	77.1	8.9	101.6	74.9	26.7	43.9	28.9
1982	286.4	74.2	212.2	88.5	10.2	113.5	84.0	29.5	51.4	30.6
1983	314.9	81.4	233.5	97.3	11.0	125.3	93.4	31.8	58.5	33.6
1984	341.2	87.7	253.5	106.3	11.4	135.7	101.8	33.9	64.4	36.0
1985	369.7	94.4	275.3	114.2	12.9	148.2	111.7	36.6	70.2	39.7
1986	400.8	100.9	299.9	124.4	14.0	161.5	120.1	41.4	75.1	42.9
1987	439.3	108.8	330.5	138.1	15.0	177.4	130.4	46.9	81.3	48.2
1988	482.8	118.5	364.3	155.0	16.8	192.5	141.7	50.9	88.4	52.1
1989	530.9	126.2	404.7	170.6	19.0	215.2	158.8	56.3	100.4	59.1
1990	591.5	136.5	455.0	191.2	21.5	242.3	177.0	65.3	108.5	71.8
1991	660.2	144.3	516.0	209.3	23.4	283.3	204.1	79.1	120.2	96.5
					(PER CAPITA AMOUNT)					
1980	$ 933	$ 253	$ 680	$ 278	$ 32	$ 370	$ 270	$ 100	**	**
1981	1,073	283	790	325	38	428	315	112	**	**
1982	1,193	309	884	368	43	473	350	123	**	**
1983	1,299	336	963	401	45	517	385	131	**	**
1984	1,394	358	1,036	434	47	555	416	139	**	**
1985	1,497	382	1,115	462	52	600	452	148	**	**
1986	1,607	405	1,202	499	56	648	482	166	**	**
1987	1,744	432	1,312	548	60	704	518	186	**	**
1988	1,898	466	1,432	609	66	757	557	200	**	**
1989	2,066	491	1,575	664	74	837	618	219	**	**
1990	2,279	526	1,753	737	83	933	682	251	**	**
1991	2,518	550	1,968	798	89	1,080	779	302	**	**
					(PERCENT DISTRIBUTION)					
1980	100.0	27.1	72.9	29.7	3.5	39.7	28.9	10.8	16.6	11.3
1981	100.0	26.4	73.6	30.3	3.5	39.9	29.4	10.5	17.2	11.3
1982	100.0	25.9	74.1	30.9	3.6	39.6	29.3	10.3	17.9	10.7
1983	100.0	25.8	74.2	30.9	3.5	39.8	29.7	10.1	18.6	10.7
1984	100.0	25.7	74.3	31.2	3.4	39.8	29.8	9.9	18.9	10.6
1985	100.0	25.5	74.5	30.9	3.5	40.1	30.2	9.9	19.0	10.7
1986	100.0	25.2	74.8	31.0	3.5	40.3	30.0	10.3	18.7	10.7
1987	100.0	24.8	75.2	31.4	3.4	40.4	29.7	10.7	18.5	11.0
1988	100.0	24.5	75.5	32.1	3.5	39.9	29.3	10.5	18.3	10.8
1989	100.0	23.8	76.2	32.1	3.6	40.5	29.9	10.6	18.9	11.1
1990	100.0	23.1	76.9	32.3	3.6	41.0	29.9	11.0	18.3	12.1
1991	100.0	21.9	78.1	31.7	3.6	42.9	30.9	12.0	18.2	14.6

* Subset of Federal funds.

+Subset of Federal and State and local funds.

**Calculation of per capita estimates is inappropriate.

Note: Per capita amounts based on July 1 social security area population estimates.

Source: Health Care Financing Administration, Office of the Actuary: Data from the Office of National Cost Estimates. Health Care Financing Review, Winter 1992, Volume 14, Number 2.

Update: 8/93

TABLE H5
SELECTED CONSUMER PRICE INDICES FOR ALL URBAN CONSUMERS
U.S. CITY AVERAGE (1982-84=100.0)

	Annual Average 1980	Annual Average 1981	Annual Average 1982	Annual Average 1983	Annual Average 1984	Annual Average 1985	Annual Average 1986
All Items	136.0	150.1	159.3	164.4	171.4	177.6	180.9
All Items Less Medical Care	136.2	150.2	159.1	163.7	170.4	176.2	178.8
Apparel & Upkeep	115.7	121.2	124.4	127.4	129.8	133.6	134.8
Energy	174.2	197.8	200.7	202.3*	204.3	205.7	178.6
Food	132.5	142.9	149.6	151.8	157.6	161.2	166.4
Housing:Shelter	147.4	164.7	176.3	180.4	189.3	199.9	210.9
Medical Care	131.4	145.5	162.4	176.5	187.5	199.1	214.1
Medical Care Services	132.6	146.9	164.3	178.6	189.3	200.7	216.1
Professional Services	129.8	143.2	155.3	166.4	178.3	189.2	201.3
Physicians' Services	130.7	145.1	158.8	171.0	182.9	193.5	207.4
Other Medical Care Services**	135.2	150.2	172.8	190.2	199.8	211.6	230.2
Hospital Room	139.9	160.6	185.9	206.9	224.0	237.2	251.4
Medical Care Commodities	125.4	139.1	153.4	166.5	178.7	191.4	204.0
Prescription Drugs	126.8	141.3	157.8	175.1	191.9	210.1	228.2
Nonprescription Drugs & Medical Supplies	120.9	133.6	145.8	155.2	163.3	171.1	179.0

	Annual Average 1987	Annual Average 1988	Annual Average 1989	Annual Average 1990	Annual Average 1991	Annual Average 1992
All Items	187.4	195.1	204.5	215.5	224.6	231.3
All Items Less Medical Care	184.9	192.1	200.9	211.3	219.3	225.4
Apparel & Upkeep	140.6	146.6	150.7	157.6	163.4	167.5
Energy	179.9	181.2	186.6	193.3	197.4	199.9
Food	173.1	180.2	190.6	201.7	207.6	210.1
Housing:Shelter	220.8	231.4	241.8	254.9	266.4	275.2
Medical Care	228.4	243.2	261.9	285.5	310.3	333.3
Medical Care Services	230.8	245.6	264.5	289.1	314.8	338.7
Professional Services	214.8	229.4	244.3	260.4	276.3	293.2
Physicians' Services	222.5	238.5	256.1	274.3	290.8	309.1
Other Medical Care Services**	246.1	269.0	299.9	332.6	366.5	399.9
Hospital Room	268.7	293.9	324.2	359.5	393.3	425.6
Medical Care Commodities	217.3	232.1	250.2	271.2	293.4	312.2
Prescription Drugs	246.7	266.4	289.6	318.6	350.1	376.4
Nonprescription Drugs & Medical Supplies***	188.5	197.5	209.3	220.2	230.6	239.6

* Excludes motor oil, coolant, and other products as of January 1983.

** Includes hospital and other medical services (nursing homes) and health insurance (not shown separately).

*** Indexes on a December 1986=100 base.

Source: Bureau of Labor Statistics

Update: 1/94

TABLE H6
ANNUAL PERCENTAGE CHANGE IN SELECTED CONSUMER PRICE INDICES FOR ALL URBAN CONSUMERS, U.S. CITY AVERAGE

	1978	1979	1980	1981	1982	1983	1984
All Items	7.7	11.3	13.5	10.4	6.1	3.2	4.3
All Items Less Medical Care	7.6	11.4	13.6	10.3	5.9	2.9	4.1
Apparel & Upkeep	3.5	4.4	7.1	4.8	2.6	2.5	1.9
Energy	6.3	25.2	30.9	13.5	1.5	0.8	1.0
Food	10.0	10.9	8.6	7.9	4.0	2.1	3.8
Housing:Shelter	10.1	13.9	17.5	11.7	7.1	2.3	4.9
Medical Care	8.4	9.3	10.9	10.8	11.6	8.7	6.2
Medical Care Services	8.6	9.7	11.3	10.7	11.9	8.7	6.0
Professional Services	7.6	8.6	11.1	10.3	8.5	7.1	7.2
Physicians' Services	8.3	9.2	10.6	11.0	9.4	7.7	7.0
Other Medical Care Services	9.6	10.8	11.4	11.1	15.0	10.1	5.1
Hospital Room	11.0	11.4	13.1	14.8	15.7	11.3	8.3
Medical Care Commodities	7.0	7.2	9.3	10.9	10.3	8.6	7.3
Prescription Drugs	7.8	7.8	9.2	11.4	11.7	10.9	9.6
Nonprescription Drugs and Medical Supplies	3.6	6.7	9.4	10.5	9.1	6.4	5.2

	1985	1986	1987	1988	1989	1990	1991
All Items	3.6	1.9	3.6	4.1	4.8	5.4	4.2
All Items Less Medical Care	3.4	1.5	3.4	3.9	4.6	5.2	3.9
Apparel & Upkeep	2.9	0.9	4.3	4.3	2.8	4.6	3.7
Energy	0.7	<13.2>	0.7	0.7	3.0	3.6	2.1
Food	2.3	3.2	4.0	4.1	5.8	5.8	2.9
Housing:Shelter	5.6	5.5	4.7	4.8	4.5	5.4	4.5
Medical Care	6.2	7.5	6.7	6.5	7.7	9.0	8.7
Medical Care Services	6.0	7.7	6.8	6.4	7.7	9.3	8.9
Professional Services	6.1	6.4	6.7	6.8	6.5	6.6	6.1
Physicians' Services	5.8	7.2	7.3	7.2	7.4	7.1	6.0
Other Medical Care Services	5.9	8.8	6.9	9.3	11.3	10.9	10.2
Hospital Room	5.9	6.0	6.9	9.3	10.3	10.9	9.4
Medical Care Commodities	7.1	6.6	6.5	6.8	7.8	8.4	8.2
Prescription Drugs	9.5	8.6	8.1	8.0	8.7	10.0	9.9
Nonprescription Drugs and Medical Supplies	4.8	4.6	5.3	4.8	6.0	5.2	4.7

Source: Bureau of Labor Statistics

Update: 1/93

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TABLE I1
NATIONAL SUPPORT FOR HEALTH RESEARCH AND DEVELOPMENT
(DOLLARS IN MILLIONS)

	1982	1983	1984	1986	1987	1988	1989	1991	1992
National Health Expenditures	318,600	355,000	387,100	453,400	492,400	542,100	599,800	746,000	832,200
National Health Research and Development, Amount	9,540	10,800	12,200	14,900	16,900	19,000	20,900	25,800	28,700
Percent of National Health Expenditures	3.0	3.0	3.2	3.3	3.4	3.5	3.5	3.5	3.5
Sources of Support for National Health Research and Development									
Federal Government	4,970	5,399	6,087	6,895	7,847	8,431	9,163	10,602	11,727
(To Medical Schools)	(1,520)	(1,719)	(1,906)	(2,328)	(2,573)	(2,740)	(3,215)	(3,640)	(3,823)
National Institutes of Health, Total	3,433	3,789	4,257	5,005	5,852	6,293	6,778	7,696	8,407
(To Medical Schools)	(1,521)	(1,689)	(1,899)	(2,295)	(2,689)	(2,867)	(3,060)	(3,443)	(3,742)
ADAMHA	252	302	316	396	476	555	696	974	1,159
(To Medical Schools)	(63)	(78)	(95)	(125)	(168)	(204)	(221)	(282)	(306)
Industry	3,593	4,205	4,765	6,188	7,104	8,433	9,405	12,234	13,870
State and Local Gov't	634	718	796	1,028	1,182	1,294	1,465	1,828	1,900
Private Non-profit	343	456	506	782	799	838	881	1,091	1,221

	1955	1960	1965	1970	1975	1980	1985	1990
National Health Expenditures	17,330	26,540	39,391	71,018	126,097	243,700	417,700	661,700
National Health Research and Development, Amount	261	886	1,890	2,847	4,701	7,953	13,502	23,400
Percent of National Health Expenditures	1.5	3.4	4.8	4.0	3.7	3.3	3.2	3.5
Sources of Support for National Health Research and Development								
Federal Government	139	448	1,174	1,667	2,832	4,723	6,791	9,791
(To Medical Schools)	(19)	(93)	(324)	(394)	(851)	(1,309)	(2,063)	(3,291)
National Institutes of Health, Total	60	281	715	873	1,880	3,182	4,828	7,137
(To Medical Schools)	--	--	--	(432)	(874)	(1,429)	(2,223)	(3,201)
ADAMHA	--	--	--	111	139	234	378	820
(To Medical Schools)	--	--	--	(20)	(39)	(67)	(113)	(262)
Industry	62	253	450	795	1,319	2,459	5,352	10,634
State and Local Gov't	5	46	90	170	286	480	874	1,632
Private Non-profit	55	139	176	215	264	292	486	1,020

Source: For National Health Expenditures, Health Care Financing Administration, with adjustments of R&D (and therefore of totals) to conform to NIH data. Other data from NIH.

Update: 1/94

TABLE I2
NATIONAL INSTITUTES OF HEALTH SUPPORT OF INVESTIGATOR-INITIATED AND NATIONALLY TARGETED RESEARCH (OBLIGATIONS IN MILLIONS OF DOLLARS)

Fiscal Years	Total Research	Investigator-Initiated Research				Nationally Targeted Research			
		Total	Research Project Grants	Institutional Research*	Percent of Total Research	Total	Contracts+	Special Grants**	Percent of Total Research
1960	$ 189	$ 163	$ 163	$ --	86%	$ 26	$ 20	$ 6	14%
1965	521	409	370	39	79%	112	54	58	21%
1970	698	488	437	50	70%	210	105	105	30%
1975	1,465	859	808	50	59%	606	347	259	41%
1980	2,543	1,659	1,593	66	65%	884	407	477	35%
1981	2,662	1,838	1,767	71	69%	825	349	476	31%
1982	2,711	1,906	1,833	73	70%	805	321	484	30%
1983	3,007	2,182	2,095	87	73%	825	320	505	27%
1984	3,411	2,488	2,390	98	73%	924	345	579	27%
1985	3,930	2,900	2,770	130	74%	1,030	375	655	26%
1986	4,043	3,042	2,917	125	75%	1,001	352	649	25%
1987	4,816	3,589	3,459	130	75%	1,227	482	747	25%
1988	5,167	3,864	3,735	129	75%	1,303	497	806	25%
1989	5,540	4,159	4,033	126	75%	1,381	543	838	25%
1990	5,745	4,300	4,180	120	75%	1,445	568	877	25%
1991	6,232	4,623	4,517	106	74%	1,609	597	1,012	26%
1992	6,738	4,966	4,899	67	74%	1,772	636	1,136	26%

\+ Includes collaborative Research and Support. Prior to FY79 this was included under Special Grants.

* Biomedical Research Support Grants

** Includes support for research centers and Other Research.

Source: National Institutes of Health, Division of Financial Management

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TABLE I3
NATIONAL INSTITUTES OF HEALTH SUPPORT OF RESEARCH TRAINING
(AWARDS IN MILLIONS OF DOLLARS)

Fiscal Year	Total	Research Career Program Awards	Individual Awards	Institutional Grants
1963	$122.2	$12.5	$19.5	$90.2
1964	135.5	17.2	19.8	98.5
1965	152.5	19.5	22.3	110.7
1966	171.7	22.6	24.7	124.4
1967	182.1	25.1	25.3	131.7
1968	186.4	26.8	27.6	132.0
1969	196.0	27.9	29.7	138.4
1970	178.2	27.6	22.7	127.9
1971	180.9	28.0	23.8	129.1
1972	185.3	27.7	21.5	136.1
1973	141.2	25.9	12.2	103.1
1974*	210.0	23.5	30.6	155.9
1975	183.7	26.9	27.8	129.0
1976	147.6	25.6	23.2	98.8
TQ	16.6	3.9	8.3	4.4
1977	163.0	32.7	27.3	103.1
1978	189.6	42.4	29.7	117.4
1979	196.7	48.8	31.8	116.1
1980	231.9	50.8	38.9	142.2
1981	230.8	50.4	35.5	144.9
1982	205.9	50.5	31.2	124.2
1983	220.7	50.3	34.4	136.0
1984	226.1	53.6	34.4	138.1
1985	300.1	76.2	46.4	177.5
1986	297.2	80.0	42.8	174.4
1987	328.4	89.7	46.6	192.1
1988	340.2	94.6	45.0	200.6
1989	354.7	93.7	45.9	215.1
1990	389.4	97.1	50.9	241.4
1991	427.3	113.8	55.0	258.5

* Includes regular FY 74 appropriation plus release of impounded FY 73 funds.

Source: National Institutes of Health

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TABLE J1
FEDERAL AND NON-FEDERAL PHYSICIANS
BY MAJOR PROFESSIONAL ACTIVITY

ACTIVITY	1980	1981	1982	1983	1985	1986	1988	1989	1990	1992
Total Physicians	**467,679**	**485,123**	**501,958**	**519,546**	**552,716**	**569,160**	**585,597**	**600,789**	**615,421**	**653,062**
Patient Care	376,512	389,369	408,663	423,361	448,820	462,126	478,511	493,159	503,870	535,220
Office Based Practice	272,000	288,038	299,191	309,891	330,197	326,978	338,656	351,201	360,995	389,364
Hosp. Based Practice	**104,512**	**101,331**	**109,472**	**113,470**	**118,623**	**135,148**	**139,855**	**141,958**	**142,875**	**145,856**
Residents*	62,042	63,349	68,986	73,171	75,411	77,979	82,200	82,103	83,389	86,468
Clinical Fellows+	--	--	--	--	--	10,761	8,379	8,687	8,691	7,128
Full-time Staff	42,470	37,982	40,486	40,299	43,212	46,408	49,276	51,168	50,795	52,260
Other Prof. Activity	**38,404**	**41,376**	**40,726**	**43,436**	**48,320**	**43,624**	**42,817**	**43,596**	**43,440**	**42,888**
Medical Teaching	7,942	7,202	7,505	7,783	7,832	7,721	8,114	8,196	8,090	7,983
Administration	12,209	13,250	13,408	13,828	13,810	14,399	14,536	14,767	14,819	14,923
Research	15,377	17,901	16,743	18,535	23,268	17,847	16,586	16,941	16,930	16,367
Other**	2,876	3,023	3,070	3,290	3,410	3,657	3,581	3,692	3,601	3,615
Not Classified	**20,629**	**14,154**	**13,558**	**12,643**	**13,950**	**13,661**	**13,364**	**12,405**	**12,678**	**16,589**
Inactive	**25,744**	**35,011**	**35,690**	**36,911**	**38,646**	**46,835**	**48,042**	**48,804**	**52,653**	**55,656**
Address Unknown	**6,390**	**5,213**	**3,321**	**3,195**	**2,980**	**2,914**	**2,863**	**2,825**	**2,780**	**2,709**

* Includes first-year and all others years of residency.

** Other was established in 1968.

\+ Clinical Fellows category was added in 1986.

Note: Data for 1989 are as of January 1. Data prior to 1989 are as of December 31.

Source: Physician Distribution and Licensure in the United States, annual editions, Physician Characteristics and Distribution in the U.S., (AMA). 1988 data derived from AMA supplementary information. Beginning in 1989 data from Physician Characteristics and Distribution in the U.S., annual edition. Department of Physician Data Services, Division of Survey and Data Resources, American Medical Association.

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TABLE J1
Federal and Non-Federal Physicians by Major Professional Activity

Activity	1965	1970	1975	1980
Total Physicians	292,088	334,028	393,742	467,679
Patient Care	259,418	278,535	311,937	376,512
Office Based Practice	185,338	192,439	215,429	272,000
Hosp. Based Practice	74,080	86,096	96,508	104,512
Residents*	43,506	51,228	57,802	62,042
Clinical Fellows+	--	--	--	--
Full-time Staff	30,574	34,868	38,706	42,470
Other Prof. Activity	18,157	32,310	28,343	38,404
Medical Teaching	9,794	5,588	6,445	7,942
Administration	4,057	12,158	11,161	12,209
Research	4,306	11,929	7,944	15,377
Other**	--	2,635	2,793	2,876
Not Classified***	--	--	26,145	20,629
Inactive	13,279	19,621	21,449	25,744
Address Unknown	1,234	3,204	5,868	6,390

* Includes first-year and all others years of residency. In 1965, included residents, interns, and fellows.

** Other was established in 1968.

*** Not Classified established in 1970; however, complete data not available until 1972. Total for 1970 includes 358 Not Classified physicians.

Source: Physician Distribution and Licensure in the United States, annual editions (AMA) Physician Characteristics and Distribution in the U.S., (AMA)

TABLE J2
NON-FEDERAL PHYSICIANS, CIVILIAN POPULATION, PHYSICIAN-POPULATION RATIOS

STATE	TOTAL NON-FEDERAL				CIVILIAN POP. (000)				RATIO PER POP.			
	1985	1988	1990	1992	1985	1988	1990	1992	1985	1988	1990	1992
TOTAL	528,169	554,155	592,166	631,137	240,716	241,659	250,514	254,621	219	229	236	248
ALABAMA	6,090	6,580	6,964	7,435	3,996	4,058	4,096	4,070	152	162	170	183
ALASKA	680	729	777	797	498	501	502	547	137	146	155	146
ARIZONA	6,942	7,632	8,226	8,687	3,161	3,359	3,530	3,726	220	227	233	233
ARKANSAS	3,532	3,746	3,966	4,232	2,348	2,378	2,397	2,363	150	158	165	179
CALIFORNIA	69,208	73,832	78,285	82,254	26,063	27,354	28,757	30,099	266	270	272	273
COLORADO	6,879	7,214	7,606	8,189	3,187	3,251	3,274	3,336	216	222	232	245
CONNECTICUT	9,544	10,153	10,699	11,335	3,160	3,196	3,224	3,277	302	318	332	346
DELAWARE	1,252	1,348	1,449	1,549	617	639	668	675	203	211	217	229
D.C.	3,755	3,869	3,929	4,168	619	615	597	591	607	629	658	705
FLORIDA	26,566	29,087	31,483	33,802	11,268	11,918	12,565	13,174	236	244	251	257
GEORGIA	10,142	10,986	11,929	12,849	5,905	6,153	6,367	6,552	172	179	187	196
HAWAII	2,388	2,593	2,809	3,051	998	1,024	1,056	1,080	239	253	266	283
IDAHO	1,331	1,358	1,435	1,556	999	992	1,009	1,035	133	137	142	150
ILLINOIS	24,903	25,971	26,603	28,467	11,493	11,544	11,622	11,510	217	225	229	247
INDIANA	8,542	9,029	9,558	10,149	5,492	5,524	5,587	5,604	156	163	171	181
IOWA	4,305	4,474	4,728	4,890	2,882	2,833	2,839	2,794	149	158	167	175
KANSAS	4,350	4,575	4,861	5,057	2,424	2,452	2,488	2,489	179	187	195	203
KENTUCKY	5,982	6,388	6,701	7,175	3,691	3,694	3,694	3,683	162	173	181	195
LOUISIANA	8,312	8,602	8,689	9,093	4,450	4,430	4,351	4,220	187	194	200	215
MAINE	2,232	2,367	2,522	2,678	1,155	1,177	1,213	1,226	193	201	208	218
MARYLAND	14,491	15,643	16,716	17,977	4,343	4,480	4,642	4,807	334	349	360	374
MASSACHUSETTS	19,242	20,224	21,475	22,746	5,809	5,842	5,900	5,984	331	346	364	380
MICHIGAN	17,206	17,972	18,620	19,810	9,077	9,189	9,263	9,358	190	196	201	212
MINNESOTA	9,326	9,849	10,458	11,299	4,191	4,244	4,351	4,431	223	232	240	255
MISSISSIPPI	3,279	3,522	3,753	3,846	2,593	2,602	2,603	2,578	126	135	144	149
MISSOURI	9,750	10,290	10,759	11,460	5,012	5,087	5,143	5,143	195	202	209	223
MONTANA	1,276	1,359	1,452	1,546	822	805	801	804	155	169	181	192
NEBRASKA	2,707	2,839	2,955	3,199	1,593	1,581	1,598	1,581	170	180	185	202
NEVADA	1,604	1,726	1,921	2,117	925	997	1,099	1,274	173	173	175	166
NEW HAMPSHIRE	2,060	2,241	2,507	2,625	993	1,052	1,102	1,104	207	213	227	238
NEW JERSEY	18,313	19,410	20,579	21,975	7,540	7,651	7,716	7,744	243	254	267	284
NEW MEXICO	2,630	2,869	3,114	3,340	1,433	1,483	1,513	1,532	184	193	206	218
NEW YORK	56,392	58,916	60,744	64,927	17,756	17,796	17,916	18,025	318	331	339	360
NORTH CAROLINA	11,347	12,330	13,492	14,665	6,144	6,308	6,467	6,630	185	195	209	221
NORTH DAKOTA	1,130	1,184	1,195	1,260	673	661	650	625	168	179	184	202
OHIO	21,319	22,212	23,239	24,708	10,730	10,771	10,895	10,927	199	206	213	226
OKLAHOMA	4,866	5,055	5,095	5,274	3,267	3,239	3,194	3,148	149	156	160	168
OREGON	5,764	6,049	6,562	7,094	2,686	2,722	2,818	2,920	215	222	233	243
PENNSYLVANIA	27,727	29,331	30,824	32,828	11,840	11,919	12,028	11,947	234	246	256	275
PUERTO RICO	5,615	0	6,980	7,492	3,277	0	3,522	3,707	171	0	198	202
RHODE ISLAND	2,385	2,602	2,744	2,926	962	980	992	996	248	266	277	294
SOUTH CAROLINA	5,303	5,736	6,096	6,689	3,292	3,360	3,450	3,501	161	171	177	191
SOUTH DAKOTA	1,003	1,066	1,093	1,184	702	702	708	696	143	152	154	170
TENNESSEE	8,982	9,634	10,334	11,209	4,740	4,834	4,920	4,934	189	199	210	227
TEXAS	28,254	30,052	31,647	33,846	16,223	16,645	16,855	17,227	174	181	188	196
UTAH	3,025	3,207	3,406	3,678	1,638	1,674	1,701	1,764	185	192	200	209
VERMONT	1,436	1,512	1,631	1,707	535	548	567	567	268	276	288	301
VIRGINIA	11,875	12,744	13,795	14,638	5,545	5,727	5,928	6,115	214	223	233	239
VIRGIN ISLANDS	115	0	116	125	111	0	102	100	104	0	114	125
WASHINGTON	9,693	10,442	11,325	12,449	4,352	4,480	4,704	4,965	223	550	241	251
WEST VIRGINIA	3,319	3,396	3,388	3,517	1,936	1,897	1,856	1,800	171	71	183	195
WISCONSIN	8,969	9,491	10,049	10,701	4,774	4,805	4,865	4,954	188	198	207	216
WYOMING	707	719	734	725	505	486	471	456	140	148	156	159
PACIFIC ISLANDS	124	0	149	142	291	0	338	226	43	0	44	63

Source: Physician Characteristics and Distribution in the U.S., annual edition (AMA). 1988 data derived from AMA supplementary information.

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TABLE J3
NON-FEDERAL PHYSICIAN/POPULATION RATIOS AND RANK BY STATE

STATE	Non-Federal Physicians Per 100,00 Civilian Population				Rank By Physician Population Ratio				Civilians Per Non-Federal Physician			
	Total		Patient Care		Total		Patient Care		Total		Patient Care	
	1990	1992	1990	1992	1990	1992	1990	1992	1990	1992	1990	1992
Total	237	248	198	204	--	--	--	--	422	403	511	489
Alabama	170	183	146	157	43	42	43	42	588	547	683	638
Alaska	155	146	137	129	48	52	46	51	646	686	732	774
Arizona	230	233	181	184	15	20	20	25	429	429	545	544
Arkansas	165	179	141	153	45	44	44	44	604	558	708	655
California	272	273	219	219	8	11	9	11	367	366	456	456
Colorado	232	245	192	203	18	16	17	14	430	407	522	492
Connecticut	332	346	268	280	5	5	5	5	301	289	373	357
Delaware	217	229	183	191	21	21	21	21	461	436	547	522
Dist. of Col.	658	705	501	546	1	1	1	1	152	142	200	183
Florida	251	257	192	197	12	12	16	17	399	390	522	507
Georgia	187	196	162	170	34	37	33	35	534	510	616	590
Hawaii	266	283	219	235	10	9	10	9	376	354	456	426
Idaho	142	150	120	125	47	50	51	52	703	665	835	803
Illinois	229	247	193	208	19	15	15	13	437	404	519	481
Indiana	171	181	146	154	42	43	42	43	585	552	687	650
Iowa	167	175	138	141	44	45	45	48	600	571	727	708
Kansas	195	203	163	168	32	32	32	37	512	492	614	595
Kentucky	181	195	157	168	38	38	37	36	551	513	635	595
Louisiana	200	215	174	187	31	29	26	24	501	464	575	536
Maine	208	218	166	173	26	27	31	32	481	458	603	580
Maryland	360	374	278	295	3	3	3	3	278	267	360	339
Massachusetts	364	380	286	301	2	2	2	2	275	263	350	333
Michigan	201	212	169	178	29	30	29	28	497	472	593	563
Minnesota	240	255	201	215	14	13	12	12	416	392	497	466
Mississippi	144	149	126	129	51	51	50	50	694	670	793	773
Missouri	209	223	177	188	24	24	24	23	478	449	565	531
Montana	181	192	152	160	39	40	39	41	552	520	659	627
Nebraska	185	202	159	172	35	34	36	33	541	494	631	581
Nevada	175	166	149	141	41	48	41	47	572	602	671	709
New Hampshire	227	238	186	193	20	19	19	20	440	421	537	518
New Jersey	267	284	222	237	9	8	8	7	375	352	450	421
New Mexico	206	218	167	176	28	26	30	29	486	459	600	569
New York	339	360	276	295	4	4	4	4	295	278	362	339
North Carolina	209	221	172	182	25	25	27	26	479	452	582	549
North Dakota	184	202	160	175	36	33	34	30	544	496	624	570
Ohio	213	226	180	190	22	23	23	22	469	442	556	526
Oklahoma	160	168	136	143	46	47	47	45	627	597	733	702
Oregon	233	243	191	196	16	17	18	18	429	412	524	509
Pennsylvania	256	275	213	228	11	10	11	10	390	364	470	439
Puerto Rico	0	202	0	172	0	35	0	34	0	495	0	582
Rhode Island	277	294	226	240	7	7	6	6	340	340	416	416
South Carolina	177	191	150	162	40	41	40	40	523	523	667	618
South Dakota	154	170	132	142	49	46	48	46	588	588	758	704
Tennessee	210	227	181	195	23	22	22	19	440	440	552	512
Texas	188	196	160	167	33	36	35	38	509	509	624	598
Utah	200	209	169	174	30	31	28	31	480	480	593	574
Vermont	288	301	224	236	6	6	7	8	332	332	447	424
Virginia	233	239	195	201	17	18	13	15	418	418	512	497
Virgin Islands	0	125	0	95	0	53	0	53	0	800	0	1,053
Washington	241	251	193	201	13	14	16	16	415	399	518	496
West Virginia	183	195	154	166	37	39	38	39	548	512	650	602
Wisconsin	207	216	174	181	27	28	25	27	484	463	574	551
Wyoming	156	159	131	132	50	49	49	49	642	629	765	757
Pacific Islands	0	63	0	57	0	54	0	54	0	1,592	0	1,766

Source: Physician Characteristics and Distribution in the U.S., American Medical Association. U.S. Bureau of the Census, Current Population Reports, Series P-25, No. 1045. U.S. Government Printing Office, Washington, D.C., March 1991.

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TABLE J4
FEDERAL AND NON-FEDERAL PHYSICIANS IN THE U.S. AND POSSESSIONS BY SPECIALTY AND ACTIVITY - 1992

SPECIALTY	TOTAL ACTIVE PHYSICIANS	PATIENT CARE				OTHER PROFESSIONAL ACTIVITY			
		Office Based	Hospital Based						
			Residents	Clinical Fellows	Physician Staff	Administration	Medical Teaching	Research	Other
TOTALS	653,062	389,364	86,468	7,128	52,260	14,923	7,983	16,367	3,615
Family Practice	50,970	40,479	6,012	223	2,555	789	702	100	110
General Practice	20,718	18,575	0	0	1,600	336	26	43	138
Internal Medicine, General	85,839	52,279	22,142	1,058	6,274	1,599	791	1,437	259
Pediatrics, General	40,193	26,852	7,086	715	3,079	957	636	758	110
Obstetrics/Gynecology	35,273	27,115	4,757	317	1,947	385	410	279	63
Psychiatry	41,028	24,814	5,351	425	6,526	2,121	607	918	266
MEDICAL SPECIALTIES	80,757	52,233	7,886	1,328	7,162	1,957	1,967	7,868	356
Allergy	1,353	1,231	4	14	38	15	7	35	9
Cardiovascular Disease	16,478	11,460	1,620	222	1,407	312	338	1,039	80
Dermatology	7,912	6,318	846	15	371	75	99	168	20
Gastroenterology	7,946	5,724	720	139	538	92	171	541	21
Internal Medicine, Other	25,266	14,348	2,268	446	2,290	984	757	4,041	132
Neurology	9,742	6,330	1,132	180	917	150	204	781	48
Pediatric Subspecialties	5,723	2,813	629	233	944	176	192	713	23
Pulmonary Diseases	6,337	4,009	667	79	657	153	199	550	23
General Surgery	39,211	24,956	9,237	680	2,919	529	348	441	101
SURGICAL SPECIALTIES	67,073	53,653	6,945	955	3,842	384	512	637	145
Colon & Rectal	869	749	31	4	62	5	10	8	0
Neurological	4,501	3,310	664	67	325	32	35	56	12
Ophthalmology	16,433	13,742	1,358	195	675	86	119	240	18
Orthopedic Surgery	20,640	15,832	2,706	429	1,277	83	135	119	59
Otolaryngology	8,370	6,643	964	117	451	40	83	58	14
Plastic Surgery	4,688	4,044	202	56	285	15	34	42	10
Thoracic	2,120	1,645	123	31	194	50	25	42	10
Urological	9,452	7,688	897	56	573	73	71	72	22
SUPPORT SPECIALTIES	73,640	47,091	9,984	886	9,886	1,514	1,339	1,581	1,359
Anesthesiology	28,148	19,998	3,760	156	3,120	266	543	237	68
Pathology	17,378	8,140	2,482	352	3,167	972	381	991	893
Radiology	28,114	18,953	3,742	378	3,599	276	415	353	398
Emergency Medicine	15,470	9,373	1,606	38	3,796	403	160	55	39
Other Specialties	19,827	9,078	1,098	420	2,287	3,818	436	2,077	613
Unspecified Specialty	8,109	2,866	4,364	83	387	131	49	173	56
Not Classified	16,589								
Inactive	55,656								
Address Unknown	2,709								

Source: Physician Characteristics and Distribution in the U.S., 1993 edition. American Medical Association.

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TABLE J4
FEDERAL AND NON-FEDERAL PHYSICIANS IN THE U.S. AND POSSESSIONS BY SPECIALTY AND ACTIVITY - 1990

SPECIALTY	TOTAL ACTIVE PHYSICIANS	PATIENT CARE				OTHER PROFESSIONAL ACTIVITY			
		Office Based	Hospital Based						
			Residents	Clinical Fellows	Physician Staff	Administration	Medical Teaching	Research	Other
TOTALS	615,421	360,995	83,389	8,691	50,795	14,819	8,090	16,930	3,601
Family Practice	47,639	37,476	5,824	230	2,486	735	683	104	101
General Practice	22,841	20,517	---	---	1,749	364	24	42	145
Internal Medicine, General	76,295	46,327	19,148	1,265	5,469	1,591	775	1,476	244
Pediatrics, General	36,519	24,596	5,811	771	2,841	946	665	767	122
Obstetrics/Gynecology	33,697	25,485	4,884	291	1,898	391	412	278	58
Psychiatry	39,506	22,761	5,733	485	6,607	2,109	640	905	266
MEDICAL SPECIALTIES	77,051	47,696	7,849	2,075	7,082	1,875	2,039	8,086	349
Allergy	1,428	1,296	3	19	39	14	7	40	10
Cardiovascular Disease	15,862	10,680	1,696	375	1,410	309	345	962	85
Dermatology	7,557	6,006	697	106	349	77	104	198	20
Gastroenterology	7,493	5,200	737	225	521	94	158	542	16
Internal Medicine, Other	24,014	12,780	2,286	614	2,282	924	791	4,214	123
Neurology	9,237	5,595	1,164	401	846	143	218	815	55
Pediatric Subspecialties	5,380	2,477	598	238	953	156	214	724	20
Pulmonary Diseases	6,080	3,662	668	97	682	158	202	591	20
General Surgery	38,376	24,520	8,682	707	2,895	561	339	570	102
SURGICAL SPECIALTIES	64,614	50,348	7,618	1,322	3,567	379	521	709	150
Colon & Rectal	882	746	9	43	57	6	8	11	2
Neurological	4,358	3,092	718	63	334	31	41	69	10
Ophthalmology	16,073	13,068	1,451	443	611	94	114	267	25
Orthopedic Surgery	19,138	14,199	3,003	427	1,105	80	133	133	58
Otolaryngology	8,138	6,367	1,023	114	426	41	89	62	16
Plastic Surgery	4,590	3,835	298	103	260	14	32	40	8
Thoracic	2,063	1,643	53	33	204	51	24	45	10
Urological	9,372	7,398	1,063	96	570	62	80	82	21
SUPPORT SPECIALTIES	69,290	43,140	9,499	1,035	9,830	1,501	1,356	1,582	1,347
Anesthesiology	25,981	17,803	3,901	152	3,018	263	542	237	65
Pathology, Anatomic/Clinical	16,584	7,494	2,104	401	3,263	980	395	1,059	888
Radiology	26,725	17,843	3,494	482	3,549	258	419	286	394
Emergency Medicine	14,243	8,420	1,424	80	3,716	361	150	55	37
Other Specialties	19,181	8,155	1,249	368	2,296	3,861	448	2,189	615
Unspecified Specialty	8,058	1,554	5,668	62	359	145	38	167	65
Not Classified	12,678								
Inactive	52,653								
Address Unknown	2,780								

Source: Physician Characteristics and Distribution in the U.S., 1992 edition. American Medical Association.

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TABLE K1
COMPARISON OF COMPENSATION FOR FACULTY WITH M.D. DEGREE* RECEIVING ONLY A BASE COMPENSATION, 1993-94 AND 1992-93 (MEANS IN THOUSANDS OF DOLLARS)

DEPARTMENT	INSTRUCTOR		ASSISTANT PROFESSOR		ASSOCIATE PROFESSOR		PROFESSOR		CHAIRMAN	
	1993-94	1992-93	1993-94	1992-93	1993-94	1992-93	1993-94	1992-93	1993-94	1992-93
TOTAL BASIC SCIENCES	**35.7**	**35.0**	**56.7**	**57.4**	**67.9**	**70.8**	**104.3**	**102.4**	**148.0**	**144.3**
Anatomy	--	--	53.0	48.9	61.2	67.6	102.3	94.8	151.5	149.3
Biochemistry	--	--	47.0	47.7	70.9	69.1	103.5	101.1	123.0	133.5
Microbiology	37.5	36.1	56.9	55.4	66.2	72.1	103.1	106.5	163.5	156.1
Pharmacology	30.6	29.3	59.9	55.4	68.1	68.4	106.0	102.6	142.7	139.9
Physiology	35.8	37.9	50.5	47.4	66.3	67.5	100.4	96.7	143.5	140.1
Other Basic Sciences	35.6	35.3	63.6	68.6	71.2	79.9	111.6	114.5	151.9	144.6
TOTAL CLINICAL SCIENCES	**91.9**	**87.4**	**111.2**	**108.7**	**133.9**	**131.0**	**158.7**	**154.4**	**221.8**	**212.2**
Anesthesiology	123.1	135.4	142.3	146.0	176.4	177.8	197.0	187.4	234.2	212.9
Community Health	79.7	103.2	81.9	99.6	92.5	100.2	115.4	100.4	147.3	146.8
Dermatology	50.4	59.0	105.1	105.1	150.3	142.4	149.4	137.0	222.4	206.7
Family Practice	93.9	84.9	88.9	86.2	105.8	103.0	124.4	118.5	160.0	159.7
Medicine	92.0	83.1	105.4	101.7	126.5	122.6	147.4	143.2	241.2	227.9
Emergency Medicine	109.0	100.4	115.5	111.5	140.3	144.7	173.1	148.0	185.2	170.8
Neurology	75.8	69.9	99.3	99.0	119.2	116.3	146.4	141.7	209.1	200.7
Obstetrics/Gynecology	79.5	79.4	137.8	131.2	160.0	169.5	179.7	160.3	264.4	246.2
Ophthalmology	72.3	81.2	124.3	116.9	165.5	154.5	164.9	151.7	238.2	242.4
Otolaryngology	71.3	62.5	131.0	137.9	177.3	177.8	198.6	197.5	276.2	--
Pathology	84.9	98.6	102.1	94.9	125.4	120.2	148.1	140.7	211.2	178.3
Pediatrics	68.4	59.3	83.0	79.6	105.2	98.5	131.4	126.8	183.2	199.4
Physical Medicine	100.7	101.0	116.9	120.1	126.6	130.0	112.2	125.8	176.4	157.0
Preventive Medicine	133.2	105.0	103.6	102.1	94.8	85.1	112.9	112.9	155.6	129.5
Psychiatry	92.6	82.8	91.9	90.2	101.6	104.5	132.1	126.3	207.1	199.7
Radiology	96.5	93.9	154.2	144.2	186.3	177.9	208.1	197.8	274.3	251.9
General Surgery	75.9	75.5	134.1	146.5	174.3	189.1	208.3	222.2	300.1	286.9
Neurosurgery	116.7	139.0	169.3	174.0	206.7	191.7	249.2	237.4	--	--
Orthopedic Surgery	122.0	118.2	180.9	169.2	175.2	168.9	220.7	209.7	--	301.0
Plastic Surgery	--	--	186.7	183.1	196.8	201.1	246.0	218.0	--	--
Thoracic/Cardiovascular Surgery	129.0	--	246.9	169.5	295.3	263.8	288.8	262.4	--	--
Urology	81.2	94.1	164.0	164.5	179.2	167.1	218.0	205.2	--	--
Other Clinical Sci.	101.4	100.1	101.3	94.6	136.4	128.5	155.9	155.9	200.7	220.6
Clinical Subspecialties:										
Cardiology	129.7	112.4	136.4	127.0	154.6	154.0	175.1	164.2	--	--
Gastroenterology	131.8	97.2	121.9	118.3	136.3	132.7	158.1	160.0	--	--
Neonatology	76.1	63.8	85.5	89.1	122.2	121.5	144.7	132.0	--	--
Pediatric Cardiology	--	58.0	98.2	95.3	132.9	115.5	160.9	148.9	--	--
Diagnostic Radiology	105.1	107.2	164.0	156.6	190.2	195.4	210.1	196.6	269.9	257.8
Therapeutic Radiology	138.4	119.5	147.4	149.5	190.7	169.9	228.6	211.3	271.3	252.0

* Includes holders of D.M.D., D.D.S., or D.P.H. degree

-- Indicates fewer than four faculty reported, therefore computation of mean not meaningful.

Update: 1/94

TABLE K2
COMPARISON OF COMPENSATION FOR FACULTY WITH M.D. DEGREE* RECEIVING A BASE AND SUPPLEMENT COMPENSATION, 1993-94 AND 1992-93 (MEANS IN THOUSANDS OF DOLLARS)

DEPARTMENT	INSTRUCTOR		ASSISTANT PROFESSOR		ASSOCIATE PROFESSOR		PROFESSOR		CHAIRMAN	
	1993-94	1992-93	1993-94	1992-93	1993-94	1992-93	1993-94	1992-93	1993-94	1992-93
TOTAL BASIC SCIENCES	53.3	27.6	97.7	75.2	92.4	69.6	123.6	102.9	166.6	145.4
Anatomy	--	--	--	--	--	--	--	92.4	--	175.3
Biochemistry	--	--	--	--	--	--	111.0	--	--	--
Microbiology	--	--	--	--	--	--	115.5	117.0	160.3	--
Pharmacology	--	--	71.0	84.0	--	--	111.8	106.5	151.3	137.6
Physiology	--	--	--	--	--	--	143.6	122.1	148.0	145.5
Other Basic Sciences	--	--	116.9	80.0	108.7	--	132.3	90.0	172.6	138.9
TOTAL CLINICAL SCIENCES	92.5	87.5	126.8	122.5	157.4	150.0	182.3	175.1	271.5	256.3
Anesthesiology	129.1	126.7	159.3	152.4	191.4	185.2	211.9	208.5	304.5	306.9
Community Health	86.5	--	96.8	75.4	107.0	104.9	138.4	117.7	177.2	168.6
Dermatology	--	77.8	125.8	128.7	184.3	170.2	174.3	163.3	220.0	204.6
Family Practice	88.4	78.6	95.4	89.2	110.1	106.0	128.6	120.1	161.7	157.5
Medicine	79.2	72.9	103.4	99.7	131.6	126.6	156.6	150.5	243.9	226.3
Emergency Medicine	112.6	109.7	124.5	120.0	148.9	142.3	177.8	151.1	201.5	196.1
Neurology	59.9	68.3	95.2	92.9	120.8	118.2	150.5	145.3	205.2	202.9
Obstetrics/Gynecology	98.1	84.9	159.2	154.5	193.5	185.5	211.7	195.2	284.2	271.2
Ophthalmology	54.5	50.9	143.9	146.2	196.9	197.4	211.9	204.9	305.1	288.5
Otolaryngology	106.1	78.5	174.9	171.2	228.3	211.4	251.9	230.0	332.6	290.6
Pathology	61.9	71.6	102.0	95.9	127.6	121.5	152.7	145.0	218.3	204.4
Pediatrics	72.2	70.8	94.1	91.5	118.2	112.5	140.2	136.1	212.0	200.2
Physical Medicine	95.9	93.3	122.4	111.7	159.5	144.6	170.0	172.5	217.5	203.7
Preventive Medicine	--	--	83.0	92.8	87.8	96.3	113.4	108.7	150.9	142.7
Psychiatry	78.5	84.6	100.3	94.9	118.1	115.4	145.2	140.9	214.9	202.3
Radiology	101.0	80.2	151.5	147.1	193.3	183.7	214.5	208.0	303.8	288.6
General Surgery	106.3	98.4	158.0	148.6	216.5	211.3	239.7	226.9	313.0	294.6
Neurosurgery	142.4	85.3	190.1	188.6	277.2	260.4	316.4	294.6	465.4	404.9
Orthopedic Surgery	123.0	128.4	218.8	204.5	245.2	228.2	263.0	265.8	358.8	356.1
Plastic Surgery	117.9	136.0	182.9	182.7	281.0	267.4	278.9	269.5	399.0	385.4
Thoracic/Cardio-vascular Surgery	--	154.5	251.0	262.5	383.0	347.6	410.9	397.2	541.6	468.2
Urology	103.2	109.6	156.7	154.3	222.3	203.9	247.7	237.3	296.0	278.8
Other Clinical Sci.	67.3	60.2	122.6	104.0	138.0	128.8	184.2	162.8	251.2	230.1
Clinical Subspecialties:										
Cardiology	89.0	76.0	132.0	125.0	175.5	162.3	191.1	180.0	232.8	235.4
Gastroenterology	83.7	85.8	105.9	100.6	150.4	137.6	165.4	155.8	192.2	160.5
Neonatology	94.3	--	112.6	113.2	153.2	146.2	167.0	161.4	221.6	241.8
Pediatric Cardiology	--	--	111.4	107.2	134.9	132.3	167.1	163.6	215.3	206.5
Diagnostic Radiology	96.1	90.2	143.7	141.1	184.9	179.6	212.2	208.2	295.7	287.0
Therapeutic Radiology	146.4	105.8	160.0	161.2	206.2	199.1	241.1	219.2	334.9	331.1

* Includes holders of D.M.D., D.D.S., or D.P.H. degree

\- Indicates fewer than four faculty reported, therefore computation of mean not meaningful.

Source: Faculty Salarey Survey, Section for Operational Studies

Update: 1/94

TABLE K3
COMPARISON OF COMPENSATION FOR FACULTY WITH OTHER DOCTORAL DEGREE RECEIVING ONLY A BASE COMPENSATION, 1993-94 AND 1992-93 (MEANS IN THOUSANDS OF DOLLARS)

DEPARTMENT	INSTRUCTOR		ASSISTANT PROFESSOR		ASSOCIATE PROFESSOR		PROFESSOR		CHAIRMAN	
	1993-94	1992-93	1993-94	1992-93	1993-94	1992-93	1993-94	1992-93	1993-94	1992-93
TOTAL BASIC SCIENCES	**35.1**	**34.2**	**49.1**	**47.4**	**62.3**	**60.0**	**86.4**	**83.4**	**121.3**	**115.3**
Anatomy	35.7	34.2	47.6	46.0	61.9	58.8	83.1	79.5	116.7	110.2
Biochemistry	32.1	31.6	47.9	47.1	61.6	58.8	86.9	83.5	125.2	122.6
Microbiology	36.4	33.3	49.6	47.8	62.0	60.2	86.7	83.9	119.9	113.2
Pharmacology	33.1	32.4	48.0	46.5	61.3	59.6	86.7	83.6	125.0	119.6
Physiology	35.9	33.8	48.8	46.6	62.4	60.1	84.6	82.9	119.6	113.5
Other Basic Sciences	41.9	40.0	53.5	50.5	65.7	64.6	92.9	89.5	120.5	111.1
TOTAL CLINICAL SCIENCES	**43.4**	**43.8**	**53.0**	**51.5**	**68.5**	**67.2**	**90.8**	**88.1**	**120.0**	**110.2**
Anesthesiology	--	--	51.7	62.2	69.4	71.9	77.6	80.9	--	--
Community Health	55.0	48.0	53.2	51.3	67.3	87.2	89.8	85.0	120.5	107.1
Dermatology	--	37.3	54.1	41.8	54.9	54.4	81.9	84.1	--	--
Family Practice	38.4	--	52.7	48.5	65.7	63.1	81.9	78.5	--	--
Medicine	38.3	35.7	51.2	47.8	65.6	63.6	85.8	88.2	--	--
Emergency Medicine	--	--	--	--	--	--	--	--	--	--
Neurology	37.2	39.4	51.9	51.7	69.6	65.0	90.8	87.4	--	--
Obstetrics/Gynecology	42.9	33.8	50.3	48.3	66.5	60.4	82.9	80.9	--	--
Ophthalmology	37.9	37.4	49.4	45.4	64.0	63.0	95.9	94.4	--	--
Otolaryngology	48.5	--	52.7	51.5	65.0	67.8	82.1	84.6	--	--
Pathology	39.1	38.9	54.3	50.4	73.6	71.2	94.2	87.4	--	--
Pediatrics	39.7	36.0	50.3	48.2	66.0	65.4	80.3	80.9	--	--
Physical Medicine	48.0	--	54.5	51.0	67.3	64.1	69.4	70.6	--	--
Preventive Medicine	--	--	50.9	51.7	64.0	65.2	86.7	81.3	--	--
Psychiatry	46.6	44.9	50.5	51.6	67.3	67.3	93.7	93.1	--	--
Radiology	57.9	46.5	64.7	62.4	80.3	78.1	105.4	98.3	--	--
General Surgery	42.4	43.5	50.4	49.2	65.2	63.7	93.5	89.0	--	--
Neurosurgery	--	34.2	54.7	53.6	66.4	63.9	84.7	88.8	--	--
Orthopedic Surgery	41.0	56.0	61.3	54.7	69.8	65.6	110.2	100.7	--	--
Plastic Surgery	--	--	51.0	52.0	--	61.5	71.4	--	--	--
Thoracic/Cardiovascular Surgery	--	--	54.8	48.2	59.5	53.9	--	--	--	--
Urology	32.3	--	51.6	49.7	65.4	61.6	90.0	84.4	--	--
Other Clinical Sci.	40.3	73.9	49.0	51.2	68.8	73.5	93.3	89.2	109.4	117.3

- Indicates fewer than four faculty reported, therefore computation of mean not meaningful.

Source: Faculty Salary Survey, Section for Operational Studies

Update: 1/94

TABLE K4
MEDIAN PHYSICIAN NET INCOME AFTER EXPENSES BEFORE TAXES
(IN THOUSANDS OF DOLLARS)

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
All Physicians	75	82	86	92	94	100	108	120	125	130	139
SPECIALTY											
General/Family Practice	60	63	60	64	70	75	80	85	90	93	98
Internal Medicine	72	75	83	90	90	95	100	109	120	120	125
Surgery	100	110	124	128	129	141	153	180	180	200	200
Pediatrics	55	62	62	67	70	75	77	85	93	100	105
Obstetrics/Gynecology	96	107	104	110	120	127	145	150	164	184	200
Radiology	105	120	128	122	135	155	170	161	180	200	223
Psychiatry	64	68	70	80	80	82	90	97	100	107	110
Anesthesiology	105	120	137	145	133	149	150	180	180	200	210
Pathology	--	89	102	105	115	120	100	130	148	150	153
CENSUS DIVISION											
New England	65	71	77	80	94	92	98	110	117	120	124
Middle Atlantic	70	75	80	85	90	95	100	110	125	125	136
East North Central	80	90	90	98	100	101	105	119	122	140	133
West North Central	80	90	85	90	85	105	114	120	126	130	141
South Atlantic	77	80	89	91	94	100	115	127	128	133	130
East South Central	80	90	100	100	92	100	111	132	127	140	150
West South Central	80	100	103	105	100	106	110	130	140	150	150
Mountain	74	81	80	91	85	90	110	110	120	135	137
Pacific	77	80	90	95	97	100	110	115	124	135	150
TYPE OF PRACTICE											
Solo	72	79	83	90	94	98	108	116	120	125	130
Non-Solo	80	85	90	94	95	100	107	120	126	135	140
LOCATION											
Nonmetropolitan	75	76	78	78	84	90	100	100	107	115	122
Metropolitan -											
Less than 1,000,000	79	87	92	97	100	104	110	125	130	140	142
1,000,000 and over	72	80	86	92	93	98	105	115	125	130	137
PHYSICIAN AGE											
Less than 36 Years	55	60	65	68	72	78	80	86	95	100	110
Less than 40 years	--	72	76	80	84	90	95	102	110	115	125
35-45 Years	82	90	90	100	100	103	111	120	129	139	145
46-55 Years	90	100	110	110	115	120	128	140	150	158	160
56-65 Years	78	85	86	92	93	100	110	118	127	138	140
66 or More Years	55	55	60	68	73	70	80	85	83	90	95

Source: Socioeconomic Characteristics of Medical Practice, 1993. American Medical Association.

Update: 10/93

TABLE L1
HISTORICAL PRICE INDICES

Year	CPI (1982-84=100) Index	CPI % Change	GDP (1987=100) Index	GDP % Change	BR&DPI# (1987=100) Index	BR&DPI# % Change
1940	14.0	--	--	--	--	--
1941	14.7	5.0	--	--	--	--
1942	16.3	10.9	--	--	--	--
1943	17.3	6.1	--	--	--	--
1944	17.6	1.7	--	--	--	--
1945	18.0	2.3	--	--	--	--
1946	19.5	8.3	--	--	--	--
1947	22.3	14.4	--	--	--	--
1948	24.1	8.1	--	--	--	--
1949	23.8	-1.2	--	--	--	--
1950	24.1	1.3	--	--	17.2	--
1951	26.0	7.9	--	--	18.3	6.4
1952	26.5	1.9	--	--	18.9	3.0
1953	26.7	0.8	--	--	19.2	1.9
1954	26.9	0.7	--	--	19.5	1.1
1955	26.8	-0.4	--	--	19.7	1.4
1956	27.2	1.5	--	--	20.3	2.7
1957	28.1	3.3	--	--	21.0	3.7
1958	28.9	2.8	--	--	21.5	2.4
1959	29.1	0.7	25.6	--	22.0	1.9
1960	29.6	1.7	26.0	1.6	22.4	2.1
1961	29.9	1.0	26.3	1.2	22.9	2.1
1962	30.2	1.0	26.9	2.3	23.4	2.3
1963	30.6	1.3	27.2	1.1	24.1	2.8
1964	31.0	1.3	27.7	1.8	24.6	2.2
1965	31.5	1.6	28.4	2.5	25.3	3.0
1966	32.4	2.9	29.4	3.5	26.2	3.6
1967	33.4	3.1	30.3	3.1	27.4	4.4
1968	34.8	4.2	31.8	5.0	28.7	4.7
1969	36.7	5.5	33.4	5.0	30.2	5.4
1970	38.8	5.7	35.2	5.4	32.1	6.3
1971	40.5	4.4	37.1	5.4	34.0	5.8
1972	41.8	3.2	38.8	4.6	35.7	5.0
1973	44.4	6.2	41.3	6.4	37.4	4.8
1974	49.3	11.0	44.9	8.7	39.8	6.4
1975	53.8	9.1	49.2	9.6	44.0	10.7
1976	56.9	5.8	52.3	6.3	47.3	7.5
1977	60.6	6.5	55.9	6.9	51.1	8.0
1978	65.2	7.6	60.3	7.9	54.8	7.4
1979	72.6	11.3	65.5	8.6	59.4	8.2
1980	82.4	13.5	71.7	9.5	64.9	9.4
1981	90.9	0.3	78.9	10.0	71.2	9.7
1982	96.5	6.2	84.8	7.5	77.3	8.6
1983	99.6	3.2	88.1	3.9	81.9	6.0
1984	103.9	4.3	91.1	3.4	86.7	5.8
1985	107.6	3.6	94.3	3.5	91.1	5.1
1986	109.6	1.9	97.0	2.9	94.9	4.2
1987	113.6	3.6	100.0	3.1	100.0	5.4
1988	118.3	4.1	104.0	4.0	105.0	5.0
1989	124.0	4.8	108.6	4.4	110.5	5.2
1990	130.7	5.4	113.6	4.6	116.6	5.5
1991	136.2	4.2	118.2	4.0	122.4	5.0
1992	140.3	3.0	122.1	3.3	128.4	4.9
1993	---	---	---	---	---	3.4

Projected Price Indices

Year	CPI* (1982-84=100) Index	CPI* % Change	GDP* (1987=100) Index	GDP* % Change	BR&DPI# (1987=100) Index	BR&DPI# % Change
1993	144.7	3.1	124.2	2.6	132.8	---
1994	149.8	3.5	128.1	3.1	137.9	3.8
1995	155.3	3.7	132.4	3.4	143.6	4.1
1996	160.9	3.6	136.8	3.3	149.5	4.1
1997	166.7	3.6	141.4	3.4	155.9	4.3
1998	172.6	3.5	146.2	3.4	162.5	4.2
1999	---	---	---	---	169.4	4.2

* Projections are provided from OMB: The Budget for Fiscal Year 1994. Table 4-5; Economic Projections--Blue Chip Consensus.

\# Data for the BR&DPI were provided by NIH.

Note: CPI - Consumer Price Index. GDP - Gross Domestic Product implicit price deflator. BR&DPI - Biomedical Research and Development Price Index.

Source: Current CPI data from Economic Indicators, November 1993. Current GDP data from Survey of Current Business, September 1993, U.S. Department of Commerce, Economics and Statistics Administration. BR&DPI current and projected data from the National Institutes of Health, Biomedical Research and Development Price Index, June 1993, Office of Science Policy & Technology Transfer.

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TABLE L2
FEDERAL EXPENDITURES AS A FRACTION OF GROSS DOMESTIC PRODUCT (GDP)

Calendar Year	Federal Expenditures* ($ in millions)	GDP ($ in millions)	Fraction
1975	364.2	1585.9	23.0%
1976	393.7	1768.4	22.3%
1977	430.1	1974.1	21.8%
1978	470.7	2232.7	21.1%
1979	521.1	2488.6	20.9%
1980	615.1	2708.0	22.7%
1981	703.3	3030.6	23.2%
1982	781.2	3149.6	24.8%
1983	835.9	3405.0	24.5%
1984	962.5	3777.2	25.5%
1985	985.6	4038.7	24.4%
1986	1034.8	4268.6	24.2%
1987	1071.9	4539.9	23.6%
1988	1114.2	4900.4	22.7%
1989	1187.2	5250.8	22.6%
1990	1274.9	5546.1	23.0%
1991	1331.2	5722.9	23.3%
1992	1459.3	6038.5	24.2%

* Federal expenditures = Purchases + Transfers + State and local grants + Net interest paid + (Subsidies - govt enterprise surplus) - (Wage accruals - disbursements).

Source: GDP data Survey of Current Business (1993, September), U.S Department of Commerce-Economics and Statistics Administration-Bureau of Economic Analysis.

Federal Expenditures data Economic Indicators monthly (prepared for the Joint Economic Committee by the Council of Economic Advisors, U.S. Government Printing Office).

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